STANLEY TOOLS

CATALOGUE
No 34

STANLEY
S.W.

APRIL 1934 EDITION

The Stanley Rule and Level Plant

of The Stanley Works

Manufacturers of Carpenters and Mechanics Tools

NEW STANLEY TOOLS

Showing What's New in Fine Hand Tools.
Your Hardware Dealer Has Them in Stock
or He Can Get Them for You.

APRIL, 1934

THE STANLEY RULE & LEVEL PLANT
THE STANLEY WORKS

GENERAL OFFICES
NEW BRITAIN, CONN., U. S. A.

BRANCH OFFICES

NEW YORK
100 LAFAYETTE ST.

CHICAGO
61–67 W. KINZIE ST.

SAN FRANCISCO LOS ANGELES SEATTLE

PULL-PUSH RULES

The Rules of a Thousand Uses

Measures straight distances like a "Zig Zag" Rule, and curves, cylinders and odd shapes as accurately as a steel tape.

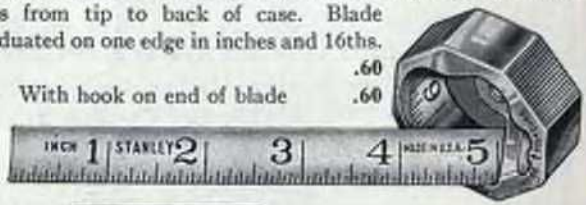
1. Flexible-rigid steel blade—accurately graduated—nickel plated finish.
2. Safe, floating "Pull Push" action—a light pull and out comes blade, a light push and in it goes.
3. Small handy size—may be carried in vest pocket when not in use.
4. "H" Rules have a hook on end of blade for measuring beyond arm's reach.

New Detachable Blade Rules

Many artisans prefer a rule with a blade that can be taken completely out of its case. To supply this demand we have designed these new rules.

No. **3506** Octagonal, nickel plated steel case. Arrow on case gives exact inside measurements from tip to back of case. Blade ⅝" wide, graduated on one edge in inches and 16ths. **.60**

No. **H3506** With hook on end of blade **.60**

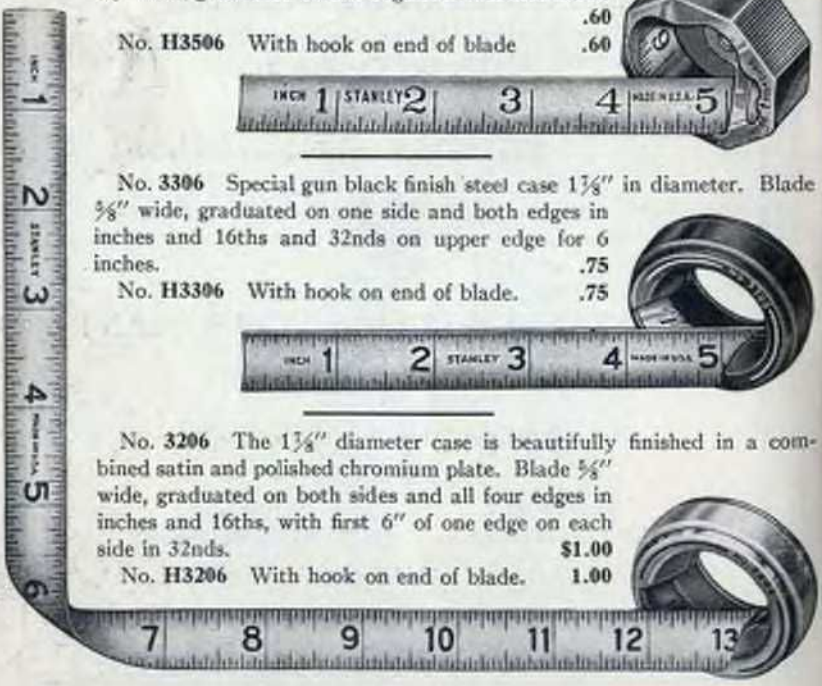


No. **3306** Special gun black finish steel case 1⅞" in diameter. Blade ⅝" wide, graduated on one side and both edges in inches and 16ths and 32nds on upper edge for 6 inches. **.75**

No. **H3306** With hook on end of blade. **.75**

No. **3206** The 1⅞" diameter case is beautifully finished in a combined satin and polished chromium plate. Blade ⅝" wide, graduated on both sides and all four edges in inches and 16ths, with first 6" of one edge on each side in 32nds. **$1.00**

No. **H3206** With hook on end of blade. **1.00**



PULL-PUSH RULES

Attached Blade Rules

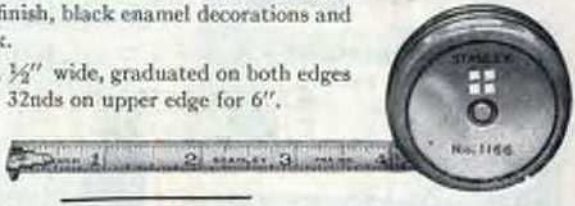
Flexible Rigid Rules with the blade and case permanently attached are made in four different styles. These rules with their safe, floating blade action, handy hook on end of blade for measurements beyond arm's reach and fully enclosed watch size cases appeal to many.

No. **7886—$1.50** Attractive, composition cases—in red, green or yellow. Blade swivels at 72" mark permitting accurate end to end measurements.

6 ft. nickel plated blade, ½" wide, graduated on both edges in inches and 16ths and in 32nds on upper edge for 6".

No. **1166—$1.50** The brass case, 2" in diameter, has a beautiful satin chromium finish, black enamel decorations and a red "Four Square" mark.

6 ft. nickel plated blade, ½" wide, graduated on both edges in inches and 16ths and in 32nds on upper edge for 6".

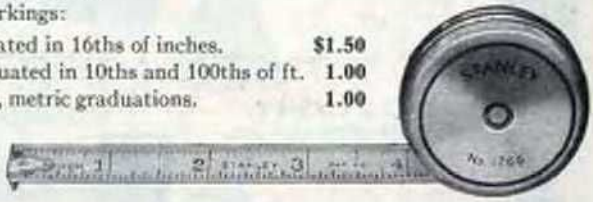


No. **1266—$1.00** Durable, nickel plated steel case, 2⅛" in diameter.

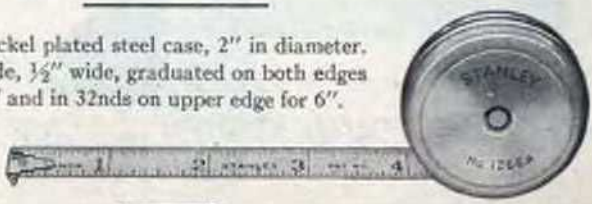
6 ft. nickel plated blade, ⅝" wide, graduated on both edges in inches and 16ths and in 32nds on upper edge for 6".

Other lengths and markings:

No. **1268**	8 ft. graduated in 16ths of inches.	**$1.50**
No. **1266E**	6 ft. graduated in 10ths and 100ths of ft.	**1.00**
No. **1266M**	2 Meters, metric graduations.	**1.00**



No. **1266A—75c.** Nickel plated steel case, 2" in diameter. 6 ft. lacquer finished blade, ½" wide, graduated on both edges in inches and 16ths for 6' and in 32nds on upper edge for 6".



STANLEY HATCHETS

Stanley Atha Hatchets are made from a special edge tool steel proved by years of experience to be the very finest for hatchets. They are perfectly tempered and will hold a keen cutting edge. The hickory handles are selected for straight grain, color, and are specially treated and securely wedged in the head. Great care is exercised in forging, grinding and fitting of handles to give the perfect "hang" and balance so essential in an artisan's tool. Tops of the heads and bits are polished; balance of the head has a smooth, black, velvet finish.

"100 PLUS"
Carpenter's Special Half Hatchet

Round poll, round neck. Beveled nail slot Octagon neck handle.

No.	Cut	Handle	Each
1½	3¼"	13"	$1.95

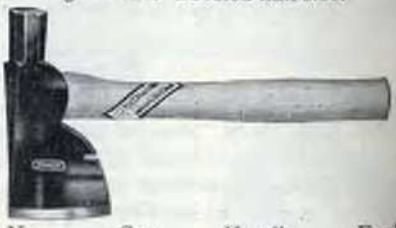
HALF HATCHET
Haines Pattern

Strong thin blade. Round poll and neck.

No.	Cut	Handle	Each
1½	3¼"	12¼"	$1.95

HALF HATCHET

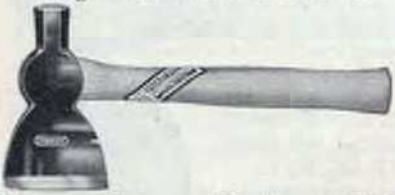
Octagon head. Beveled nail slot.



No.	Cut	Handle	Each
1	3½"	12"	$1.45
2	3½"	13"	1.50

SHINGLING HATCHET

Octagon head. Beveled nail slot.



No.	Cut	Handle	Each
1	3½"	12½"	$1.45
2	4"	14"	1.50

FLOORING HATCHET

No.	Cut	Handle	Each
1	4"	14"	$1.85
2	4¼"	15"	2.00

STANLEY HATCHETS

"STANLEY-ATHA"

Highest quality. Selected high grade hickory handles. Extra care is taken in grinding and finishing operations. Smooth black, velvet finish.

CLAW HATCHET

No.	Cut	Handle	Each
2	3⅞"	14"	$1.65

BROAD HATCHET

Single bevel cutting edge

No.	Cut	Handle	Each
1	4"	14½"	$1.85
2	4½"	15½"	2.00
3	5"	15½"	2.15
4	5½"	16"	2.30

CAMP AXE

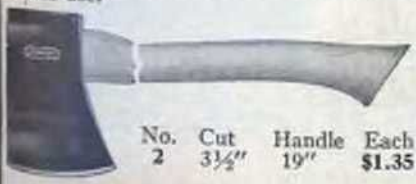
For campers, scouts, hunters and motorists.

No.	Cut	Handle	Each
1¼	3¼"	14"	$1.20

With leather sheath 35 cents extra.

HUNTER'S AXE

For hunters, campers, and for household use.



No.	Cut	Handle	Each
2	3½"	19"	$1.35

"STANLEY FOUR SQUARE"

Moderately priced, well made, hatchets. Dull black finished heads, lacquered handles.

HALF HATCHET

No.	Cut	Handle	Each
1	3⅛"	12"	$1.00
2	3½"	13"	1.10

SHINGLING HATCHET

No.	Cut	Handle	Each
1	3½"	12½"	$1.00
2	4"	14"	1.10

CLAW HATCHET

No.	Cut	Handle	Each
2	3⅞"	14"	$1.25

BROAD HATCHET

Single bevel cutting edge.

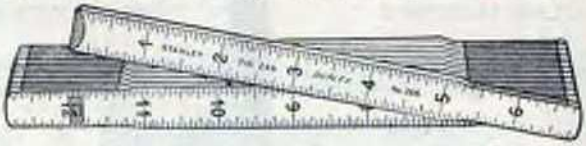
No.	Cut	Handle	Each
1	4"	14½"	$1.45
2	4½"	15½"	1.60
3	5"	15½"	1.75
4	5½"	16"	2.00

STANLEY DUPLEX "ZIG ZAG" RULE

Can be read with equal ease in any position

The Vertical Figures and graduations on all edges make it easy to read in any position—right and left hand measurements, horizontal and vertical measurements—from the same side and end of the rule.

Stainless joints, tips and strike plates of hard steel; concealed joints; six inch folds; ⅝ inches wide; white lacquer finish; graduated 8ths and 16ths of inches.



Duplex Regular Marking

No.		Each
266	6 feet long	$ .65

Duplex "F" Marking

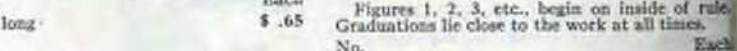
Figures 1, 2, 3, etc., begin on inside of rule. Graduations lie close to the work at all times.

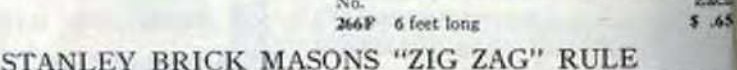
No.		Each
266F	6 feet long	$ .65

STANLEY BRICK MASONS "ZIG ZAG" RULE

Brick Spacing Scale on one side

Inch Measurements on other side





A compact, convenient and accurate rule for gauging the space of brick courses evenly in a given height to insure uniform thicknesses of mortar. It is graduated 8ths and 16ths inches on one side and a brick spacing scale on the other. The figures 1, 2, 3, etc., indicate different spacing scales, there are ten in all. Easy to understand directions are packed with each rule.

Yellow enamel finish; concealed joints, tips and strike plates are brass plated.

No.		Each
167	6 feet long	$ .60

STANLEY RULES

FOLDING RULE

Hardwood—Two Foot—Four Fold—1 Inch Wide—Round Joints—Middle Plates

A popular priced rule for household use. The seasoned hardwood legs and brass joints insure a strong, durable rule. Graduated in 8ths and 16ths of inches.

No.		Each
27	2 feet long	$ .15

CALIPER RULE

Boxwood—Brass Slide—1⅛ Inches Wide

Fits the vest pocket. Can be used for ordinary measurements and for inside and outside caliper-ing. Slide is graduated in 32nds inches for 3⅝ inches. Rule is graduated on back in 16ths for 3½ inches.

No.		Each
136	4 inches long	$ .50

STANLEY PLUMBS AND LEVELS

Light Wood 2½ x 1½ ins. Non-adjustable

Properly seasoned. Painted a durable orange color. Glasses are set solid in plaster. Two heavy black lines on the glasses and the white cases make it easy to locate the bubble. Glass covers protect the glasses and keep out dirt. "Handy Grip." Two proved glasses (one plumb and one level).

No.		Each
347	18 inches long	$1.10
	24	1.25

Aluminum Non-adjustable

Glasses are marked with heavy indelible black lines. Glass covers protect the glasses and keep out dirt. 12 and 18 in. sizes have four proved glasses (two plumbs and two levels) 24 in. and 28 in. sizes have six proved glasses (two double plumbs and one double level). 12 in. size has a grooved bottom for leveling pipe, shafting, etc.

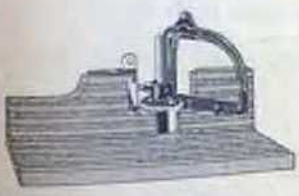
No.		Each
313	12 inches long	$2.00
	18 " "	2.70
	24 " "	3.30
	28 " "	4.00

A DELUXE MASON'S LEVEL

Made from thoroughly seasoned mahogany, size 2 1/16" x 1⅛"; full aluminum bound; nickeloid face plates hold the protecting glass covers; 6 accurate, easy to read, proved glasses—4 plumbs and 2 levels; glasses set solid in aluminum cases and the cases fastened in the levels with brass screws and bushings; "Handy Grips" and hang hole—the finest masons level ever offered. Should you break a glass you can easily insert a new case fitted with glasses saving the time and expense of sending the level to the factory for repairs.

No.		Each
255	48 inches long	$8.40

MITRE BOX



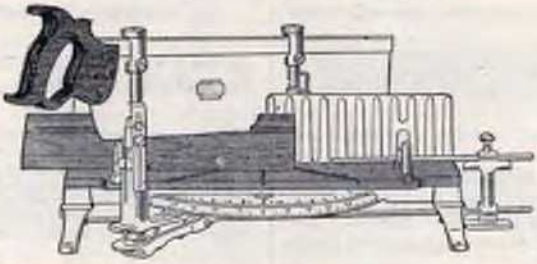
Few and easy adjustments. The saw guide can be quickly set and held at angles of 9, 22½, 30, 36, 45 and 90 degrees.

Takes either a back or panel saw. To cut to exact depths a back saw is used. The saw back rests on a shoulder in the saw guide. The guide when adjusted, determines the depth of the cut and at the same time keeps the saw at the angle to be cut.

Laminated hardwood Frame. Index Plate, Index Lever and Center Point are made of steel. Remainder of tool is made of iron.

No.		Each
115	(No Saw)	$3.50

STANLEY MITRE BOXES



Malleable Iron Swivel and Uprights

These new mitre boxes are very accurate, simple in design, easy to use, and exceptionally strong and sturdy.

Swivel and uprights are cast in one piece from malleable iron which is practically unbreakable. Malleable iron is also used for the legs and saw guides.

Two roller bearings in each saw guide assure smooth saw action.

Automatic saw guide catches, hold saw above work leaving both hands free to place work in position.

Swivel lever and lift screw automatically raise saw out of kerf cuts when changing swivel position.

Positive saw guide stops and depth stop plates, control depth of saw cut. Serrated teeth, lock washers, and strong screws hold these stops and plates in place.

Quadrant is graduated in degrees and is indexed for 3, 4, 5, 6, 8, 12 and 24 sides figures. Swivel can be set and it will hold at the index holes or to any degree on the quadrant.

Some of the many other features are:—adjustable spurs in the back keep work from slipping; stock guides hold work of practically any shape against the back; finest quality back saw; length stop makes it possible to saw duplicate pieces of practically any length; attractively finished.

No.	Back Saw	Capacity Right Angle	Capacity Mitre (45°)	Capacity 30°	Each
2244	24" x 4"	8¼"	5½"	3½"	**$25.75**
2246	26" x 4"	8¼"	5½"	3½"	**26.35**
2358	28" x 5"	9½"	6½"	4⅛"	**29.50**

STANLEY HAND DRILLS

Some of the features of these new tools are: Concealed jaw springs which hook into the jaws in such a way that the drill cannot jam or bend the spring; steel frame; machine cut gear and pinion teeth; two pinions; chuck locked on spindle; detachable side knob; nickel plated.

3¼" Speed Gear—Takes Drills up to ¼"

No. **616** A popular hand drill. Red hardwood handle. Gear is lacquered red. Each **$2.50.**

No. **1616** Similar to No. 616 except that it has a hollow handle with screw cap made of native hardwood and lacquered red. Handle contains 8 drills, sizes 1/64 to 11/64 inches. Each **$3.00.**

No. 616

3¼" Extra Wide Flanged Solid Speed Gear—Takes Drills up to ¼"

No. **617** Heavy offset crank, long crank handle and large frame handle give a firm comfortable grip. Maple handles and knob, finished with Stanley black lacquer. Gear is lacquered orange. Each **$3.60.**

No. **1617** Similar to No. 617 except that it has a hollow handle with screw cap, made of polished, tropical hardwood. Handle contains 8 drills, sizes 1/64 to 11/64 inches. Each **$4.10.**

No. 617

4" Speed Gear—Takes Drills up to ⅜"

No. **626** Heavy offset crank, long crank handle and large frame handle give a firm comfortable grip. Maple handles and knob, finished with Stanley black lacquer. Gear is lacquered orange. Each **$3.90**

No. **1626** Similar to No. 626 except that it has a hollow handle with screw cap made of polished, tropical hardwood. Handle contains 8 drills, sizes 1/64 to 11/64 inches. Each **$4.35.**

No. 626

STANLEY BUTT GAUGE MORTISER No. 281

Here is the new Stanley Butt Gauge Mortiser—a tool that every finishing carpenter will want. It gives the butt mortise size, cuts the mortise to length and serves as a guide for the back and depth cuts. So accurately can it be set and so easily used that after you have cut a few mortises with it, you will wonder how you ever got along without it.

With the Stanley Butt Gauge Mortiser, every mortise is smooth and perfectly flat into which the butt fits snugly and solidly, and it leaves the work free from scoring cuts and marks. Even in dark corners, perfect mortises are assured, because the gauge remains on the work until all cuts are completed.

The Stanley Butt Gauge Mortiser is carefully made of the finest materials. It is designed to simply mortising for 3", 3½", 4" and 4½" butts. Once set for a butt size it need not be changed until a different size butt is used. All parts are standard, carefully machined, and are replaceable. The cutters are of high quality steel, properly tempered and sharpened ready to use. A durable composition material lines the inside of the back plate to prevent dulling chisels. Durably finished by Parkerizing and nickel plating.

No.	Weight Each	Price Each
281	2 lbs.	**$3.50**

Packed one in a Box with instructions for using

STANLEY TANG CHISELS

With STANLOID Handles

These chisels combine the best in steel and in handles. Blades are forged from the finest chisel steel, carefully heat treated to hold a keen durable edge and are machine cross ground, providing straight and perfectly proportioned bevels.

Handles are made of "Stanloid" the toughest non-metallic substance known. This material will not sliver or splinter, and its durability has been proved by use on our high grade automotive screw-drivers.

The handles have a distinctive two tone appearance—upper portion is transparent amber; lower portion opaque black. Blades have a polished mirror finish.

SWEDISH PATTERN PARING CHISEL

Especially suited for carving, paring or similar work by those who prefer a short, thin blade. A popular design. Thin Blade 2½" long.

No.				Each
61	¼ in. Blade	7⅜ in.	Overall	$1.30
	⅜ " "	7½ "	"	1.30
	½ " "	7⅝ "	"	1.35
	¾ " "	7¾ "	"	1.45
	1 " "	8 "	"	1.55
	1¼ " "	8¼ "	"	1.70
	1½ " "	8⅜ "	"	1.90

NEW DISTINCTIVE BUTT CHISEL

For the pattern maker, cabinet maker, carpenter, etc. No socket or ferrule. An unusual reverse curve in the handle makes this chisel most comfortable to the hand.

Thin Blades 3" long

No.				Each
60	¼ in. Blade	7⅞ in.	Overall	$1.30
	⅜ " "	7⅞ "	"	1.30
	½ " "	7⅞ "	"	1.35
	¾ " "	8¼ "	"	1.45
	1 " "	8⅜ "	"	1.55
	1¼ " "	8½ "	"	1.70
	1½ " "	9 "	"	1.90

"EVERLASTING" CHISELS IMPROVED!

Now you can get the famous "Everlasting" Chisels, shown on page 125 with rubber composition handles. This material is more lasting than wood and it is more comfortable to the hand. Because the handle is molded about the shank it is possible to make the blade shank and head in one piece and design the shank so that the ferrule can be eliminated. Only Nos. 40, and 50 and 55 Chisels are available with this construction. Specify Nos. R40, R50 and R55.

STANLEY SOCKET CHISELS

The blade and socket are forged in one piece no welded joint—from high grade chisel steel. Each chisel is carefully heat treated and tempered to hold a keen cutting edge. Before packing each chisel is individually scleroscope tested to assure correct temper. Blades are accurately machine cross ground to provide correct bevels with straight lines and are polished to a mirror finish. The selected hickory handles are comfortably shaped and capped with three leather washers cemented together.

A Popular Pattern!

LIGHT THIN BLADE CHISELS

A new pattern that has met with popular favor. It is lighter and shorter than most butt chisels and is ideally suited for fine cabinet work.

No.			Each
760	¼ in. Blade	7¼ in. Overall	$0.80
	½ " "	7¼ " "	.80
	¾ " "	7½ " "	.90
	1 " "	7½ " "	1.00
	1¼ " "	8 " "	1.05
	1½ " "	8⅜ " "	1.20
	1¾ " "	8¾ " "	1.30
	2 " "	8¾ " "	1.35

Kit No. 766 includes one each of the above chisels in a heavy waterproof canvas kit. **$8.40**

NEW SOCKET CHISELS

High grade chisels offered in all popular sizes and in three conventional patterns.

No. 759
Bevel Edge Butt
3½" Blades

No. 740
Bevel Edge Pocket
4½" Blades

No. 720
Bevel Edge Firmer
6" Blades

Blade Inches (All Numbers)	No. 750 Overall Inches	No. 740 Overall Inches	No. 720 Overall Inches	Price Each (All Numbers)
¼	9½	12	13	$ .75
⅜	9½	12	13	.75
½	9½	12	13	.75
⅝	9½	12	13	.80
¾	9½	12	13	.85
1	10	12	13½	1.00
1¼	10	12	13½	1.10
1½	10	12	13½	1.15
1¾	10¼	12½	15	1.25
2	10¾	12½	15	1.30

SETS—The Kits are made of heavy, water-proof canvas, strongly sewed.

No.	Description of Chisels	One Each of these sizes	Price Per Set
726	No. 720 Firmer Chisel	¼, ½, ¾, 1, 1¼, 1½ in. wide	$6.10
746	No. 740 Pocket	¼, ½, ¾, 1, 1¼, 1½ in. wide	6.10
756	No. 750 Butt	¼, ½, ¾, 1, 1¼, 1½ in. wide	6.10

"STANLOID" SCREW DRIVERS

A screw driver that combines a tip and bar of the utmost quality; with a handle that is practically unbreakable.

Handle is made of "Stanloid" the toughest non-metallic substance known. It is break proof, shock proof and will not soak up oil or water. Designed and fluted for a secure comfortable grip, knurled finger grip makes it easy to start small screws.

Blade and bolster are forged in one piece. Handle and blade permanently fastened together. Tip is accurately machine cross ground giving a truly flat rugged tip that will hold in screw slots.

Caution: Handle will burn rapidly if held in contact with an open flame.

HEAVY ROUND BLADE

No.	Blade	Diam.	Overall	Each
1006	4"	¼"	7¾"	$ .75
	6"	⅜"	10½"	1.00
With Nut Shaped	8"	⅜"	13"	1.25
Bolster	12"	½"	17"	1.50

HEAVY SQUARE BLADE

No.	Blade	Diam.	Overall	Each
1007	4"	¼"	7¾"	$ .80
	6"	⅜"	10¾"	1.10
	8"	⅜"	13"	1.35
	12"	½"	17"	1.65

ELECTRICIANS ROUND BLADE

No.	Blade	Diam.	Overall	Each
1008	3"	⅛"	6⅞"	$ .60
	6"	⅛"	9½"	.75
	10"	⅛"	13⅝"	.85

CLOSE QUARTER SCREW DRIVERS

No.	Blade	Dam.	Overall	Each
1009	1¾"	¼"	4"	$.50
1012	1"	¼"	2¾"	.50
1013	1"	¼"	1⅞"	.45

POCKET WITH CLIP

No.	Blade	Diam.	Overall	Each
1010	2"	½"	4"	$.25

SQUARE SHANK SCREW DRIVERS

Built to stand severe use and abuse. The hickory handle is preshrunk to insure that the blade and ferrule will remain tight. It is capped with leather washers to withstand pounding. The square shank blade may be gripped with a wrench when starting stubborn screws. The blade is forged from one piece of steel and oil tempered to withstand prying and twisting strains. Two heavy wings on the tang of the blade securely anchor it in the handle. Polished blade, natural color handle.

No.					Each
680	4 in. Blade,	1/4 in. Dia.,	9 in. Overall		$ .70
	6 " "	5/16 " "	11 5/8 "	"	.75
	8 " "	3/8 " "	14 1/2 "	"	.90
	12 " "	3/8 " "	18 1/2 "	"	1.09
	16 " "	1/2 " "	22 1/2 "	"	1.50

SPARK DETECTING SCREW DRIVERS

For Testing Spark Plugs, Auto and Tractor Ignition Systems, X-Ray and Wireless Installations and Similar High Frequency Circuits.

Secured in the handle and visible through a milled slot is a neon tube. When the screw driver tip is placed on a firing spark plug, distributor or a leak in the ignition wiring the tube flashes an orange light. The condition of the parts tested is readily determined by the regularity and brilliance of the flashes.

In addition to a practical spark testing device you also get a sturdy adjusting screw driver.

STANLOID HANDLE

This is the tool we recommend for constant use. It has a breakproof, shockproof handle and the flash tube is protected by the transparent "Stanloid" composition. Should the tube break a new one can be easily inserted. Tempered steel blade securely locked in handle. Tip is accurately machine cross ground to size—it holds in screw slots.

No.		Each
1011	4 in. blade 1/4 in. diam.	$1.00
Extra Tube and two springs.		.25

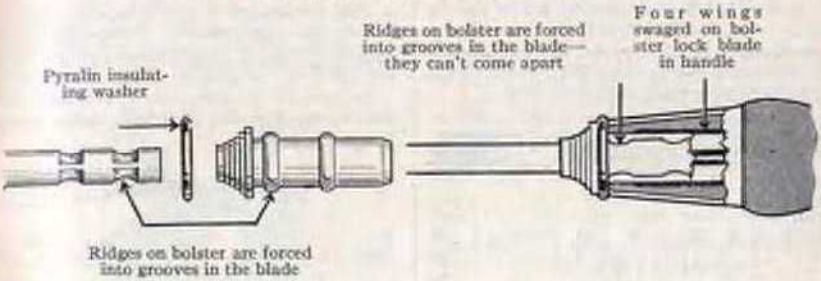
WOOD HANDLE

The hardwood handle is finished diagonally in black and natural lacquer—black around the tube for flash visibility. The tube is not covered but it is set in the handle in such a way that it is well protected from damage. Tempered steel blade, securely locked in handle. Tip is accurately machine cross ground to size—it holds in screw slots.

No.		Each
88	4 in. blade, 5/16 in. diam.	$ .50

STANLEY "HURWOOD" SCREW DRIVERS

New Bolster Type Construction



To meet the demand from electricians, auto mechanics and others for a better insulated "Hurwood," we offer these new bolster type screw drivers.

The patented construction illustrated above also makes it possible to temper the blade its entire length, providing greater strength.

The tips are *accurately machine crossground to size*, assuring a positive non-slip fit in screw slots.

The hardwood handles are comfortably shaped and have deep narrow flutes that provide a secure grip.

Black satin finished handles. Highly polished blades, protected from rust with clear lacquer.

STANDARD BLADE AND TIPS

No.					Each
25	2½ in. Blade	½ in. dia.,	6½ in. Overall		**$ .30**
3	" "	7/32 " "	8 "	"	.35
4	" "	¼ " "	9 "	"	.40
5	" "	5/16 " "	10½ "	"	.45
6	" "	5/16 " "	11¾ "	"	.50
8	" "	⅜ " "	15 "	"	.65
10	" "	⅜ " "	17 "	"	.85
12	" "	⅜ " "	19 "	"	.90

Stanley Hurwood Screw Drivers Nos. 45 and 55 shown on pages 143 and 144 are also made with this new and improved bolster construction.

STANLEY SCREW DRIVERS

STANDARD BLADE AND TIP

A well made inexpensive screw driver with two color hardwood handles. Tempered steel blades locked in the handles by two ears swedged on the shank. Tips are machine cross ground to size.

No.				Each
1070	4 in. Blade	8 in.	Overall	$ .20
	5 " "	10⅛ "	"	.20
	6 " "	11⅛ "	"	.20

CLOSE QUARTER SCREW DRIVER

A handy little screw driver for adjusting head lights, tightening markers, changing wind shield wipers, etc. Red hardwood handle. Blades are made of high grade steel correctly hardened and tempered.

No.	Blade	Diam.	Overall	Each
222	1¾ in.	¼ in.	4 in.	$0.25

HOUSEHOLD SCREW DRIVER

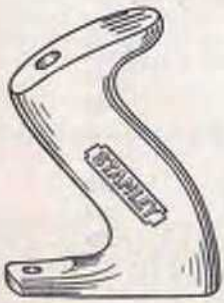
An inexpensive cabinet tip screw driver for light work. Tempered steel blades locked in the handles by two ears swedged on the shank. Tips are machine cross ground to size. Short comfortable hardwood handles finished with clear lacquer.

No.				Each
1077	3 in. Blade	6½ in.	Overall	$ .15
	4 " "	7½ "	"	.15
	6 " "	9½ "	"	.15

STANLEY NAIL SETS

High grade special tool steel, hardened at both ends and blued. The Head is so shaped that there is little possibility of hammer slipping from the tool. The tips are nicely Cupped and Chamfered.

No.				Each
11¾	1/16 in. Tip	4 in.	long	$ .15
	3/32 " "	4 "	"	.15
	1/8 " "	4 "	"	.15
	5/32 " "	4 "	"	.15
	3/16 " "	4 "	"	.15
	1/4 " "	4 "	"	.15



UNBREAKABLE ALUMINUM PLANE HANDLES

These new aluminum handles solve the problem where unbreakable handles are desired. They are light in weight and have the same comfortable shape as Stanley Wood Handles. They are supplied only as replacement parts, Stanley Planes are not furnished with them.

Handle No.	Each
3X fits Planes Nos. 3, 4, 5¼, 603, 604 and 605¼.	$0.80
5X fits Planes Nos. 4½, 5, 5½, 6, 7, 8, 604½, 605, 605½, 606, 607 and 608.	0.80

STANLEY PLANES AND SCRAPERS

SCRAPER PLANE

Double Grip. Rosewood Handle. Blades are adjustable endwise and for angles. Hardwood Bottom is cut so the end grain of wood provides the bearing surface. Extra height of Bottom gives the Blade greater spring.

No.		Each
12¼	6¼ in. long, 2⅜ in. Blade	$7.40
	Extra Bottoms $1.25 ea.; Extra Blades	.60

HANDY SCRAPERS

with Formed Double Edge Blades

For floor work, scraping off old paint, varnish, etc., removing stencils and for rough cabinet work.

The two edge reversible blades (formed) require no burnishing. One edge is ground with a high curve for rough work, the other edge has a medium curve for finish work.

No. **292** Non-adjustable, has hardwood handle lacquered orange. Body japanned. Leather pad under cutter eliminates chattering.

No. **273** Wood body shaped to fit the hand. Finished in orange lacquer.

No.		Each
292	12½" long, 2½" blade	$1.00
273	5" long. " "	.50

NEW SPRING CUSHION SCRAPER

Single Handle—Adjustable
No more chatter

A new idea in scrapers (patented). Blade holder is pivoted so that pressure of the cut is cushioned on a coil spring (see illustration), increasing ease of operation and smoothness of cut. The adjustable handle can be tilted to give the blade any angle desired. Flat blades of different forms and widths may be clamped in the jaws, permitting use in many places inaccessible to other scrapers. Has special seat for 3 inch double edge blade (formed). These blades require no burnishing. One edge ground for rough work, other edge ground for finish work.

Regularly furnished with one regular and one double edge (formed) reversible blade.

No.		Each
82	12½ inches long, 3 inch blade	$1.70

SCRAPER

Malleable Iron—Double Handle

Handles are raised to protect the users hands. Japanned.

No.		Each
80M	2¾ in. Cutter, 11 in. long	$1.60

STANLEY SCRAPER BURNISHER

Blade is oval shaped, forged from the finest tool steel and is glass hard. It is held firmly in the handle by extending nearly through it and is pinned at the end. Hardwood handle.

No.		Each
186	5 in. Blade, 9½ in. overall	$ .85

STANLEY MISCELLANEOUS TOOLS

STANLEY SPOKE SHAVE

Malleable Iron—Adjustable Cutters

Cutters are adjustable sidewise and endwise. Raised Handles. Japanned. Practically unbreakable.

No.		Each
151M	2½ in. Cutter, 10 in. long	**$1.05**

STANLEY BLOCK PLANE

Designed especially for school use, but practical for all work requiring a Block Plane.

Made of steel—practically unbreakable. Low angle—Cutter rests on its seat at an angle of 12° making it easy to plane end grain on hardwood. Screw adjustment. "Handy Grip."

No.		Each
118	6 in. long, 1¾ in. Cutter	**$2.80**

STANLEY "PISTOL GRIP" SAW SET

For Back and Panel Saws

Made entirely of steel and securely riveted. Plunger and anvil are made of tool steel, hardened and tempered.

Anvil can be readily shifted by means of knurled screw to give a greater or lesser set to the teeth.

No.		Each
442	Nickel Plated	**$1.60**

SOFT FACE HAMMERS

For working on finely finished surfaces or on the assembly of delicate machine parts.

Tips are made of celluloid composition which is both resilient and very tough. When worn the tips can be twisted off and new ones forced on. A seasoned hickory handle is securely wedged in the steel center body.

No.	Head	Overall	Each
594	½ lb.	10¼"	**$1.50**
595	1 lb.	10¼"	**1.75**
Extra Tips			**.45**

STANLEY BREAST DRILL

Two Speeds, changed by loosening handle and shifting large gear.

Breast Plate is adjustable.

Grey Iron Gear and Steel Pinion insure long wearing qualities.

Gear and Pinion Teeth are machine cut to insure smooth operation.

Black Hardwood Handles.

Bright Parts Polished. Gear is painted Orange.

16 inches long.

Fitted with Three-Jaw Chuck which takes round shank twist drills up to ½".

No.	Each
747	**$3.00**

STANLEY VISES

STANLEY CLAMP BASE VISE

Sturdy, well made vise for wood and moderately heavy metal work. Jaws are ground to meet squarely. Pockets are provided for pipe jaws to hold round work. Machine cut feed screw and two steel supporting rods give great strength and rigidity. Clamps to board or bench from ½" to 2⅛" thick.

Stationary Base

No.	Jaws	Open to	Each
707	1⅝"	2"	**$ .80**
709	2½"	2¾"	**1.10**
	Swivel Base—5 positions		
710	2½"	2¾"	**1.40**

Pipe Jaws to fit Vise No. 709-710, **.25** per pair.

WOOD WORKERS VISE

This is a practical vise for all woodworking. Clamped to a carpenter's horse it will hold doors, sashes, etc., or it can be attached to a bench for ordinary work.

The Jaws are machined parallel. A heavy steel screw supported on both ends insures rigidity and easy operation. Steel parts are bright, balance of tool Japanned.

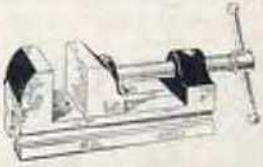
No.		Each
700	Jaws 1⅝ in., Jaws Open 4 in.	**$3.40**

DRILL PRESS VISE

Designed for use on Drill Presses, Milling Machines or for Bench Work. It can be used on its sides as well as on base.

The Jaws are machined parallel to hold work firmly. Machine cut Steel Screw insures rigidity and easy operation.

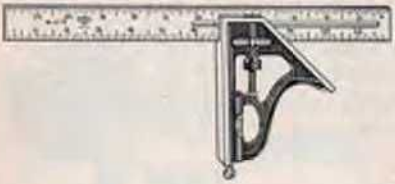
Painted blue on back of Jaws, rest of tool is Polished.



No.		Each
537	Jaws 2½ in., Jaws Open 3 in.	**$4.70**

STANLEY TRY AND MITRE SQUARE

It is easy to take the blade off, but it can't come off accidentally.



Blade can be reversed face for face and edge for edge, or removed to use as a straight edge, but it can't be dropped accidentally. Heavy, narrow, highly polished blade marked with triple depth, bold graduations—8ths and 16ths of inches. Head is made of hard iron fitted with proved level glass and a hardened and tempered scratch awl for wood or metal marking.

No.		Each
21	12 in. blade	**$1.00**

STANLEY STAINLESS STEEL SQUARES

Will not rust or tarnish. Body 24" x 2", Tongue 16" x 1½".

No. S100

Graduated 32nds, 16ths, 12ths 10ths and 8ths of inches, also Brace, Octagon, Essex Board and 100ths scale. Each **$3.70.**

No. SR100
With Rafter Markings

Graduated 32nds, 16ths, 12ths, 10ths and 8ths of inches, also Rafter, Brace, Octagon, Essex Board and 100ths scale. Each **$4.20.**

LIGHT PIN PUNCHES

For driving pins on generators, following long cotter pins, etc. Hardened and tempered entire length.

No.	Point	Stock	Overall	Each
540	1/16 in.	1/4 in.	2 5/8 in.	**$.10**
541	3/64 in.	1/4 in.	2 11/16 in.	**.10**
542	1/16 in.	5/16 in.	3 1/4 in.	**.10**
543	1/8 in.	3/8 in.	3 3/8 in.	**.15**
544	1/8 in.	1/2 in.	4 in.	**.15**
545	3/16 in.	3/4 in.	4 in.	**.15**
546	3/16 in.	7/8 in.	4 in.	**.15**
547	1/8 in.	3/4 in.	4 in.	**.15**
548	1/4 in.	3/4 in.	4 in.	**.15**

Sets in Canvas Pockets

No.		Each
522	Contains one each first 6 sizes	**$0.90**
553	Contains one of each size	**1.40**

GASKET PUNCHES

They are **straight on the outside beveled on the inside**—this new feature enables you to cut cleaner and rounder holes in granulated cork sheets, compressed asbestos and other gasket materials. Fitted with a slug ejector.

No.	Punch or Bolt Size	Cuts Holes	Stock	Each
560	1/16 in.	1/16 in.	3/16 in.	**$.30**
561	1/4 in.	3/8 in.	3/16 in.	**.35**
562	5/16 in.	11/16 in.	1/4 in.	**.40**
563	3/8 in.	13/16 in.	7/16 in.	**.45**
564	7/16 in.	15/16 in.	5/8 in.	**.50**
565	1/2 in.	1 1/8 in.	3/8 in.	**.60**
566	5/8 in.	1 3/8 in.	1 1/8 in.	**.75**
567	3/4 in.	1 5/8 in.	1 3/8 in.	**.85**

Overall length all sizes 3½"

Set of 4 in Canvas Pockets

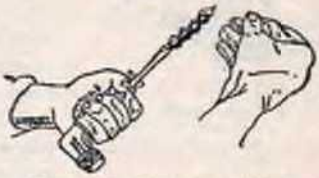
No.		Each
568	Contains one each 3/8", 1/4", 5/16", 3/8"	**$1.65**
569	Contains one each 7/16", 1/2", 5/8", 3/4"	**2.85**

STANLEY BIT BRACE NO. 919

Long a carpenter's favorite, this Bit Brace, which takes only the square taper shank bits used by woodworkers, is now better than ever. Bit centers itself in a square steel socket. Socket takes the entire driving load. Entire chuck, including jaws, is locked in place with a nut and cotter pin. Jaws cannot jam, slip or come out. Smooth action box ratchet. Cocobolo head and handle. Metal clad, bronze bushed, ball bearing head. Forged interlocking jaws. Nickel plated.

No.		Each
919	6 in. sweep	**$6.50**
	8 " "	**6.50**
	10 " "	**6.50**
	12 " "	**6.65**
	14 " "	**6.85**

Nut and cotter pin lock entire chuck, including jaws, in place



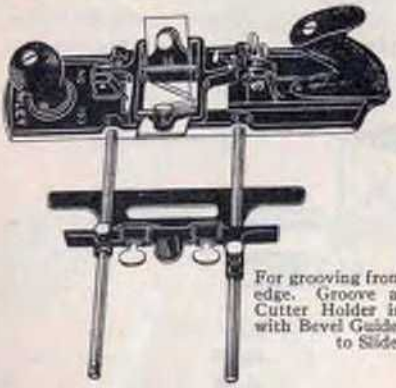
Bit is automatically centered when dropped into square socket

ENTIRE STANLEY BIT BRACE LINE IMPROVED

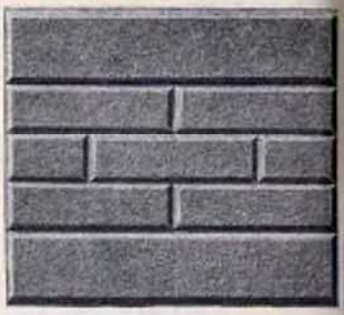
The past few years have witnessed many changes and improvements in Stanley Bit Braces. The Braces shown on pages 58, 59 and 60, now have shorter chucks, are better balanced, have the chuck fastened by a nut and cotter pin instead of a plug screw, and the heads turn on bronze bushings (a bronze against steel bearing) in addition to ball bearings, providing a free turning, long wearing head. The Braces illustrated on pages 61 and 62 have an improved steel quill or head bearing, assuring longer service, and the chuck shells are made of steel machined in and out, replacing the malleable iron shells. All have been improved in finish and appearance. Prices for every Brace shown on the pages mentioned above are now lower—Ask your hardware dealer.

STANLEY FIBRE BOARD CUTTER NO. 193

A new tool that slits, grooves and bevels Fibre Board



For grooving from a square edge. Groove and Bevel Cutter Holder in position with Bevel Guide Attached to Slide



Slitting Cutter Holder

Groove Guide

A Combination Slitting, Beveling and Grooving Tool for Masonite, Celotex, Insulite, Incel Wood, Nu Wood, Upson Board, Homosote and other fibre boards. With the Stanley Fibre Board Cutter it is possible to slit or rip these materials much faster than with a saw and the edges are left perfectly smooth and true. In addition you can bevel the edges of the board, cut beveled edge battens, cut grooves, make line designs such as squares, parallel lines, bricks and similar patterns.

The comfortable Rosewood Handle and Knob—the same as used on Stanley "Bailey" Planes—gives complete control of the tool and makes it easy to push it through the material being cut. The ease and speed with which you can adjust the Stanley Fibre Board Cutter for various depths of grooves is a feature you will appreciate. The cutters are made of high grade tool steel sharpened ready to use. All parts of the tool are machined and fitted and are replaceable.

You can do better work with a Stanley Fibre Board Cutter.

No.		Each
193	Complete with all attachments	**$10.00**
	Extra cutters	**.25**

STANLEY TOOLS

for

CARPENTERS AND MECHANICS

STANLEY
S.W.

THE STANLEY RULE & LEVEL PLANT
THE STANLEY WORKS

GENERAL OFFICES
NEW BRITAIN, CONN., U. S. A.

BRANCH OFFICES

NEW YORK
100 Lafayette St.

PHILADELPHIA
617 Filbert St.

CHICAGO
61–67 W. Kinzie St.

San Francisco Los Angeles Seattle

To the Users of

STANLEY TOOLS

IN publishing this catalogue, it has been our purpose to present to the users of STANLEY TOOLS a hand-book containing a comprehensive description and complete specifications, prices, etc., of the tools we manufacture.

* The prices shown are merely a guide as to the comparative value of the different tools. You should be able to purchase them from your hardware dealer to better advantage than were you to order direct.

Stanley Tools are sold in every civilized country, and stocks are carried by all leading jobbers and dealers in hardware.

SPECIAL BOOKLETS AND CIRCULARS

In a book of this kind it is impracticable to go into all the details necessary to fully explain how to use many of our special tools, but we shall be glad to furnish information and instructions for any tool which is not completely explained in this catalogue.

STANLEY PLANES

There is no tool in the Stanley line better known and respected than the Stanley Plane.

The Stanley Plane has been for many years and is today the last word in fine tool design and manufacture.

GUARANTEE

Every article is carefully inspected before shipment; any article showing a defect in workmanship or material will be replaced free of charge if returned to us.

MANUFACTURING EXPERIENCE

This Company has been engaged in designing and manufacturing Carpenter Tools since 1857 under the name Stanley. For several years prior to that time the same business was carried on under other names. We are thus enabled to manufacture and offer tools which are

*Prices slightly higher in Canada.

the product of more than 75 years of study and experience. Their design, strength and convenience in use, make them a standard of value for carpenters and all users of tools.

TRADE MARKS

A trade-mark is really a trade name or device to designate or indicate the manufacturer of specific articles; that is, "Bed Rock," "Bailey," "Stanley," "Victor," "Zig Zag," "Forty-five," "Fifty-five," "Gage Self Setting," "Hurwood," "Everlasting," "Odd Jobs," etc., as used are names and numbers identifying certain tools made only by this Company.

BOXING AND LABELING

Stanley Tools are also identified by the boxes in which they are packed: the boxes are of a distinctive yellow color and have dark green labels of a special copyrighted design.

IN GENERAL

Suggestions from Stanley Tool users will always be appreciated and will be given careful consideration by our engineering department.

The tables given in the last pages of this book will prove very valuable.

We wish to express our great appreciation for the preference which has been shown our tools in the past, and trust we may be favored with your continued and valued patronage.

STANLEY WROUGHT HARDWARE

Coupled with the making of tools is the experience of the hardware end of the business. Here again careful attention to detail in the manufacturing processes has made the name Stanley a name meaning quality when builders hardware is discussed.

This organization manufactures a full line of Wrought Steel Hardware, Butts and Hinges, Garage Hardware, Storm Sash and Screen Hardware, Box Strapping, Shelf Brackets, Cold Rolled Steel, and Wrought Steel Specialties.

Catalogues illustrating the various lines will be sent to those interested.

THE STANLEY RULE & LEVEL PLANT
THE STANLEY WORKS

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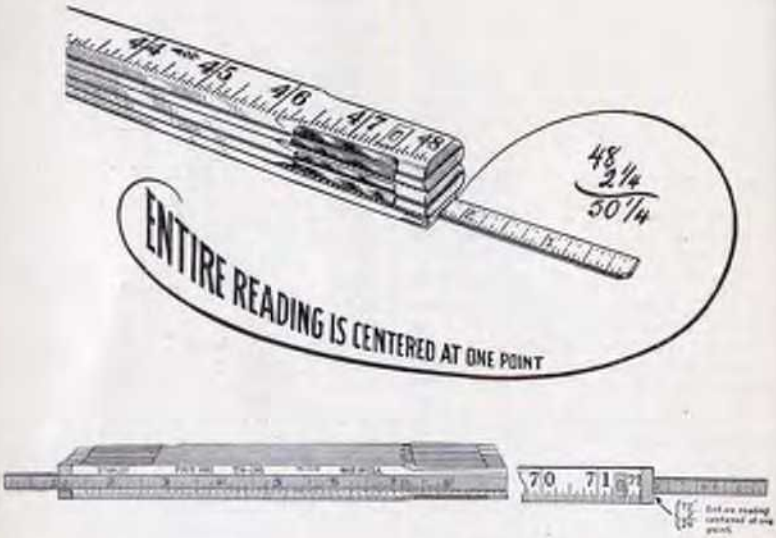
STANLEY FOUR WAY "ZIG-ZAG" EXTENSION RULES

The only *Direct Reading* "Zig-Zag" extension rule on the market. It can be used Four Ways.



The Stanley Four Way Features:

1. As a regular "Zig Zag" rule for outside measurements starting at slide end.

2. As a regular "Zig Zag" rule for outside measurements starting from opposite end.

3. For inside measurements starting at slide end and using brass slide.

4. *Direct Reading* By measuring from other end and extending slide from closed end, for inside measucements, the entire reading is *centered at one point.*

6 feet long—8 inch brass slide—8 inch folds—5/8 inches wide—extra heavy sticks—concealed joints—white lacquer enamel finish—brass plated joints and trimmings—strike plates prevent sticks from rubbing together and wearing out figures—graduated 8ths and 16ths inches—brass slide graduated 16ths of inches both sides—brass slide retained in rule by stops but may be removed for measuring hole depths by a finger nail release of stop (patent pending).

No.		Each
226	6 feet long and 8 inch brass slide	1.35

STANLEY BOXWOOD RULES

STANLEY BOXWOOD RULES have a superiority due to the quality and seasoning of the Wood, the weight of the Metal used in the Joints and Trimmings, the accuracy of the Graduations and the care given to the finish.

As will be noted in the following pages, they are made in a wide range of numbers, varying in length, width, form of Joints and Plates, style of trim, and graduations.

All joints, plates, bindings, tips, etc., are made of brass which prevents rusting.

The principal distinguishing feature of all Boxwood Rules is the main or central joint which is designated as Round, Square, Arch, or Double Arch Joint.

In the ROUND JOINT type there is one flange or wing inserted in each leg of the rule, the leg and the wing being pinned together as shown by the cut opposite.

The SQUARE JOINT type has two wings to each leg, one on each outside face of the wood. This is a much stronger construction than the round joint type as the two wings are securely held together by rivets which go clear through the two wings and leg.

The ARCH JOINT follows practically the same form of construction as the Square Joint. However, the wings are larger, more graceful in form, and cover more of the surface of the wood.

The DOUBLE ARCH JOINT is the same construction as the Single Arch Joint, but this Arch Joint is repeated at the folding joint as well as at the central joint, which again adds to the strength of the rule.

The PLATES of the folding joint are made in two styles: MIDDLE PLATES in which the plates are set in the center of the wood and pinned.

EDGE PLATES in which the plates are fastened to the outer edge of the wood by rivets which go through both wood and plates, holding all three firmly together. This latter form insures a much stronger joint.

A Full Bound Rule is one having a brass binding extending along both inside and outside edges of each leg.

A Half Bound Rule is one having a brass binding extending only along the outside edges of the legs.

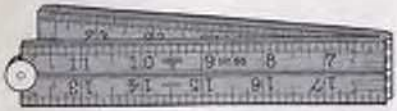
Drafting Scales are used for laying out work or reading drawings where a scale of ¼ and ½ inch, etc., to the foot is found convenient.

Rules No. 7 and all rules bearing letter A have figures nearly twice as large as those on the regular rules and both figures and graduations are extra wide and black.

Rules with metric graduations on both sides or with metric on one side and inches on the other, also those with "English Marking"—that is, with the numbers reading from left to right, can be furnished if so ordered. When rules with English marking are wanted add E to the number, when English and Metric are wanted add E & M.

STANLEY BOXWOOD RULES

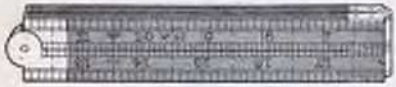
TWO FOOT—FOUR FOLD—1 INCH WIDE



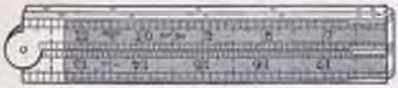
No.		Each
68	Round Joint, Middle Plates Graduated 8ths and 16ths Inches	.25

68A	Round Joint, Middle Plates, Extra large Figures, Graduated 8ths and 16ths Inches	.25

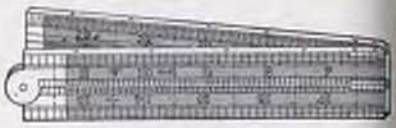
61	Square Joint, Middle Plates, Graduated 8ths to 16ths Inches	.35
61A	Graduated 8ths to 16ths Inches, Extra Large Figures (See **68A**)	.35



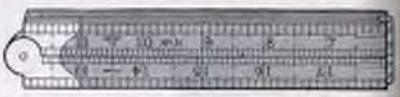
63	Square Joint, Edge Plates, Drafting Scales. Graduated 8ths, 10ths, 12ths and 16ths Inches	.45



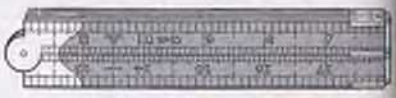
84	Square Joint, Half Bound, Drafting Scales. Graduated 8ths, 10ths, 12ths, 16ths Inches	.75



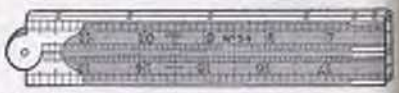
No.		Each
62	Square Joint, Full Bound, Drafting Scales. Graduated 8ths, 10ths, 12ths, 16ths Inches	.90



51	Arch Joint, Middle Plates, Drafting Scales. Graduated 8ths, 10ths, 12ths, 16ths Inches	.45

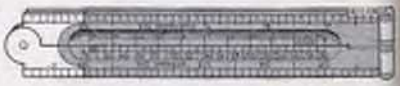


53	Arch Joint, Edge Plates, Drafting Scales Graduated 8ths, 10ths, 12ths and 16ths Inches	.55



54	Arch Joint, Full Bound, Drafting Scales Graduated 8ths, 10ths, 12ths and 16ths Inches	1.10

***ARCHITECTS RULE**



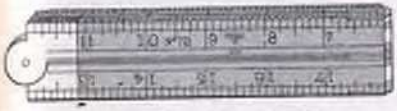
53½	Arch Joint, Edge Plates, Drafting Scales. 8ths, 10ths, 12ths and 16ths Inches	.90

*The inside edges of these rules are beveled and divided into **Drafting Scales** ⅛, ¼, ½ and ½ inch to the foot. The beveling brings the edges close to the surface being scaled, which is a great convenience in laying out work or when used with a pencil.

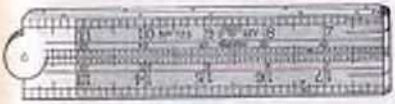
STANLEY BOXWOOD RULES

TWO FOOT—FOUR FOLD—1⅜ INCHES WIDE

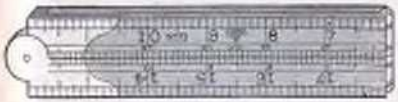
No. Each
70 Square Joint, Middle Plates, Drafting Scales. Graduated 8ths and 10ths Inches .50



72 Square Joint, Edge Plates, Drafting Scales. Graduated 8ths, 10ths and 16ths Inches .65

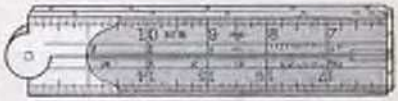


72½ Square Joint, Full Bound, Drafting Scales. Graduated 8ths, 10ths and 16ths Inches 1.15

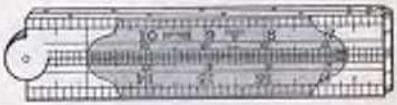


73 Arch Joint, Middle Plates, Drafting Scales. Graduated 8ths, 10ths and 16ths Inches .65

No. Each
75 Arch Joint, Edge Plates, Drafting Scales Graduated 8ths, 10ths and 16ths Inches .75

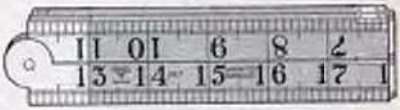


76 Arch Joint, Full Bound, Drafting Scales Graduated 8ths, 10ths and 16ths Inches 1.30



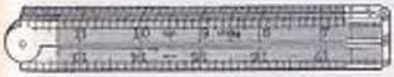
78½ Double Arch Joint, Full Bound, Drafting Scales. Graduated 8ths, 10ths, 16ths Inches 1.50

*BLINDMAN'S RULE



7 Square Joint, Edge Plates, Large Figures. Graduated 8ths and 16ths Inches 1.00

¾ INCH WIDE



63½ Square Joint, Edge Plates Graduated 8ths, 10ths and 16ths Inches .50

62½ Square Joint, Full Bound. Graduated 8ths, 10ths, 12ths and 16ths Inches .90

*So called on account of the large figures designating the inches. These figures are nearly twice as large as those on the regular rule, and both figures and graduations are extra wide and black. Made expressly for use by persons with poor eyesight or when working in poorly lighted places.

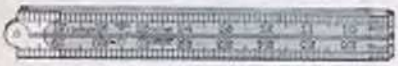
STANLEY BOXWOOD RULES

ONE FOOT—FOUR FOLD—⅝ INCH WIDE

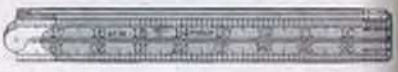
No.		Each
69	Round Joint, Middle Plates Graduated 8ths and 16ths Inches	.20
64	Square Joint, Edge Plates Graduated 8ths and 16ths Inches	.35

No.		Each
65	Square Joint, Middle Plates Graduated 8ths and 16ths Inches	.25
65½	Square Joint, Full Bound Graduated 8ths and 16ths Inches	.70

THREE FOOT—FOUR FOLD—1 INCH WIDE



No.		Each
66½	Arch Joint, Middle Plates Graduated 8ths and 16ths Inches	.70



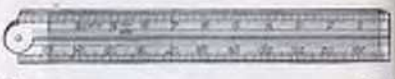
No.		Each
66¾	Arch Joint, Edge Plates Graduated 8ths and 16ths Inches	.85

No.		Each
66½A	Arch Joint, Middle Plates, Extra Large Figures. Graduated 8ths and 16ths Inches	.70

No.		Each
66¾	Arch Joint, Full Bound Graduated 8ths and 16ths Inches	1.80

TWO FOOT—TWO FOLD—1½ INCHES WIDE

No.		Each
*5	Arch Joint, Full Bound, Drafting and Octagonal Scales. Graduated 8ths, 10ths and 16ths Inches	1.20



No.		Each
18	Square Joint Graduated 8ths and 16ths Inches	.50

FOUR FOOT—FOUR FOLD—1½ INCHES WIDE

No.		Each
*4	Arch Joint, Full Bound Graduated 8ths and 16ths Inches	3.35

*Octagonal Scales are used to lay out Eight-Square work, from 1 inch to 24 or 32 inches diameter. Outline on the board, or stick, a square diagram of the dimensions desired. The Scale marked M (Middle) is for setting a pair of Dividers from a point midway from the two corners of any one side of this diagram. The Scale E (Edge) is used for setting the Dividers so as to prick on the sides of the square, the distance from the four corners at which to saw for an Eight-Square.

STANLEY BOXWOOD CALIPER RULES

Boxwood Caliper Rules have the caliper slide made of brass and machined to accurately fit the "T" slot in the leg of the rule. The slides are graduated in 16ths and 32nds of inches except No. 83C which is graduated in 32nds of inches both sides.

All Caliper Rules are regularly made with caliper left hand as shown in the illustrations. They can be furnished with caliper right hand, that is, with the caliper slide in the other leg of the rule, the caliper head or end piece being turned the other way, for $0.05 extra each.

SIX INCH—TWO FOLD

⅞ Inch Wide

No.		Each
36	Square Joint. Graduated 8ths, 10ths, 12ths and 16ths Inches	.60

1⅛ Inches Wide

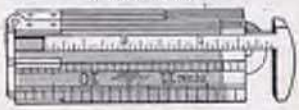
11	Square Joint Graduated 8ths and 16ths Inches	.75

1½ Inches Wide

13½	Square Joint Graduated 8ths and 16ths Inches	.85

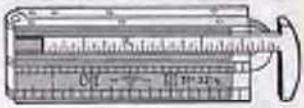
ONE FOOT—FOUR FOLD

1 Inch Wide



No.		Each
32	Arch Joint, Edge Plates. Graduated 8ths, 10ths, 12ths and 16ths Inches	.90

1 Inch Wide



32½	Arch Joint, Full Bound. Graduated 8ths, 10ths, 12ths and 16ths Inches	1.50

ONE FOOT—TWO FOLD

1⅜ Inches Wide

36½	Square Joint, Bitted. Graduated 8ths, 10ths, 12ths and 16ths Inches	.85

TWO FOOT—FOUR FOLD

1 Inch Wide

No.		Each
82C	Square Joint, Full Bound, Drafting Scales. Graduated 8ths, 10ths, 12ths and 16ths Inches	1.80

1⅜ Inches Wide

No.		Each
83C	Arch Joint, Edge Plates, Drafting Scales. Graduated 8ths, 10ths and 16ths, Slide 32nds Inches	1.60

STANLEY PATTERN MAKERS BOXWOOD SHRINKAGE RULES

All castings shrink in cooling, depending on the kind of metal, the thickness and the condition under which cast. The shrinkage per foot of castings where the thickness runs about 1 inch, cast under ordinary conditions, is shown in the table at bottom of the page. Thicker castings under the same conditions will shrink less, and thinner ones more than this average.

To allow for shrinkage, patterns must be made larger than castings are wanted. Shrinkage rules are graduated to allow for shrinkage in different metals. The spacing of graduations are based for work on patterns, the figuring of graduations refer to castings.

2 FEET LONG—1½ INCHES WIDE—BRASS TIPS

No.		Each	No.		Each
30½	A-1/16 Inch Shrinkage per Foot	1.65	30½	F-3/16 Inch Shrinkage per Foot	1.65
	B-1/32 " " " "	1.65		K-7/32 " " " "	1.65
	C-1/32 " " " "	1.65		G-1/8 " " " "	1.65
	E-1/8 " " " "	1.65		L-5/16 " " " "	1.65
	H-5/32 " " " "	1.65		M-1/4 " " " "	1.65

Graduated 8ths, 10ths, 12ths, 16ths of inches, or 8ths and 16ths only if so ordered.

2 FEET LONG—1¼ INCHES WIDE—BRASS TIPS

No.		Each
30	1/8 Inch Shrinkage per Foot—Graduated 8ths and 16ths of inches	1.45

AVERAGE SHRINKAGE OF CASTINGS

	Shrinkage per Foot		Shrinkage per Foot
Cast Iron	1/8 in.	Aluminum	3/16 in.
Brass	3/16 "	Britannia	1/32 "
Steel	1/8 "	Lead	3/16 "
Mal. Iron	1/8 "	Copper	3/16 "
Zinc	5/16 "	Bismuth	3/16 "
Tin	1/32 "		

STANLEY MISCELLANEOUS RULES

EXTENSION RULES

Maple—Brass Trim—1 Inch Wide

These Rules are very useful for accurately measuring the distance between two fixed points. When extended to required length, the sections may be secured by the set screw. To read this rule, add to the number of feet indicated by large figure, nearest left end of rule, the inches and fractions of inches exposed from under left hand end of the upper section.

No. **240**	2 to 4 feet—Graduated 8ths of inches	Each	**1.55**
360	3 " 6 " " " " "		**1.75**
480	4 " 8 " " " " "		**1.95**
510	5 " 10 " " " " "		**2.40**
612	6 " 12 " " " " "		**3.05**

YARD STICKS

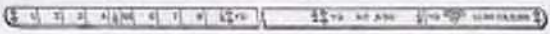
Graduated in 8ths of inches on one side and yard measure on the other. The illustration shows a No. 41 Yard Stick.

No. **33**	Maple ¾ inches wide	Each	**.35**
41	" 1 " " Brass Tips		**.53**
50	Hickory ¾ " " " "		**.70**

STEEL YARD MEASURES

Made of tempered steel 1/16 in. thick, ¾ in. wide, 36 in. long, and heavily nickel plated. The graduations are deep and plainly defined.

The tacks for holding the measure have polished oval heads and as they project about 3/16 in. above the surface of the measure, serve as markers of the yard, ¼ yard, ½ yard and ¾ yard. They are smooth and have no corners to catch.



No. **450** Unmounted. This can be placed on either the surface of the counter or countersunk so as to lie flush with the surface.

No. **550** Mounted. This is the same measure as No. 450, but it is countersunk in a wood mount and is designed to screw to the inside edge of the counter.

No. **450**	Unmounted	Each	**1.40**
550	Mounted		**1.75**

GAUGING ROD

Made of maple one-half inch square and three feet long with one end wedge shaped, this end being covered by a brass cap to prevent its wearing. On one beveled side are graduations giving the capacity of a barrel or cask from 1 to 120 gallons. The opposite side is graduated to show the quantity of liquid in a barrel having a capacity of 42 gallons and a bung diameter of 22 inches. The third side is graduated in regular inches and tenths of inches the entire length. The fourth side is blank.

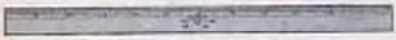
No. **45** Maple—3 feet long — Each **.75**

STANLEY MISCELLANEOUS RULES

DESK RULES

One foot long, ¾ of an inch wide—One edge is Beveled—Graduated in inches, or inches and metric, as desired.

Boxwood



No.	Each
98 Graduated 8ths and 16ths Inches	.15

Boxwood

No.	Each
98M With Metric Graduations on one side, 8ths of inches on the other	.20

BENCH RULE

Made of Maple—2 feet long—1¼ inches wide Brass Tips

No.	Each
34 Graduated 8ths of inches on one side, 16ths on the other	.50

SADDLERS RULE

Made of Maple — 3 feet long — 1½ inches wide — Brass Tips

No.	Each
80 Graduated 8ths of inches on one side, 16ths on the other	.95

SCHOOL RULES

1 foot long—1⅛ inches wide—Brass Tips. These Rules are not beveled.

Maple

No.	Each
34¼ Graduated 8ths and 16ths inches on both sides	.35

Boxwood

No.	Each
34½ Graduated 8ths and 16ths inches on both sides	.40

FLAT WOOD RULES

Made of Maple—1¼ inches wide and with Brass Tips—Graduated 8ths inches on one side, 16ths on the other

No.	Each
71 3 feet long	.90
4 " "	1.15
5 " "	1.60
6 " "	2.40

METER RULES

These Rules are one meter long—1 inch wide—Have metric graduations on one side, 8ths of inches on the other

No.	Each
141 With brass tips	.65
142 Without tips	.55

STANLEY TRAMMEL POINTS AND PLUMB BOBS

TRAMMEL POINTS

Used by Millwrights, Carpenters, Machinists and all Mechanics having occasion to strike arcs or circles larger than can be done with ordinary compass dividers.

Machinists Adjustable Trammel Points

These are made with long and short points, one each of which is adjustable by means of set screws. No. 6 Points have, in addition, a roller marker and four special curved points for use as outside or inside calipers. For Straight Edge up to 1½ in. Nickel Plated.

No.	Per Set
5 With 4 Points	3.55

No.	Per Set
6 With 8 Points and Roller Marker	4.90

Bronze Trammel Points

These Trammel Points have steel points, on either of which an accompanying pencil socket can be clamped.

No.	Per Set
1 For ¾ inch Straight Edge	1.65
2 " 1 " " "	2.10
3 " 1¼ " " "	2.85

Nickeled Trammel Points

They can be attached to one side of a straight stick. The pencil socket will take an ordinary sized pencil, or a full sized oval shaped carpenters' pencil.

No.	Per Set
4 For Straight Edge up to 1¼ inches	1.15

Rule Trammel Points

These can be attached to carpenters' rules of any ordinary width. They have movable steel points and a pencil socket.

No.	Per Set
99 For Straight Edge up to ¾ inch	1.00

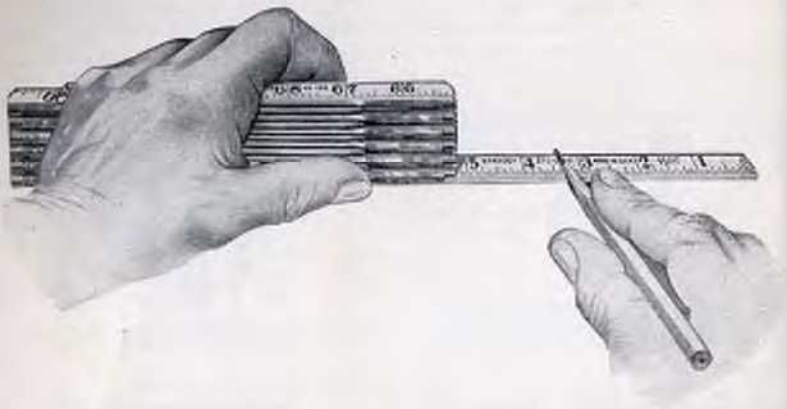
ADJUSTABLE PLUMB BOBS

These Plumb Bobs have a reel at the upper end containing a suitable length of line. A spring which has its bearing on the reel, will check and hold the Bob firmly at any point on the line.

No.	Per Set
1—3½ in. Long, Bronze, Polished	2.40
2—4 " " " "	2.80
5—4½ " " Iron, Nickeled	1.60

STANLEY "ZIG ZAG" RULES

READ-RITE RULE



This is a new rule with new features—"Read-Rite" expresses it exactly. The figures beginning with 1, 2, 3, etc., read from right to left on the inside of the rule. When the "Read-Rite" rule is held in the left hand and opened either partly or to its full length, the figures and graduations lie flat to the work, are right side up and on the lower edge of the rule. Figs. 12, 24, 36, etc., are extra large.

"Read-Rite" has this advantage over other rules—it can be held in the left hand leaving the right hand free to indicate measurements or to make notations. This is the way a right-hander likes to work.

Architects, Contractors and Carpenters will like it for checking and measuring; Plumbers, Steamfitters and Electricians for working in close quarters where a rule cannot be opened to its full length; Masons, Steel Workers, etc.

White Enamel Finish with red diamonds on first and last stick; Concealed Joints; Strike Plates; Six Inch Fold; "F" Marking with figures from **right** to **left.** Trimmings are Brass Plated.

No.		Each
154	4 feet long	**.50**
155	5 " "	**.60**
156	6 " "	**.75**

STANLEY "ZIG ZAG" RULES

The term "ZIG ZAG" as applied to folding rules made of flexible wood is a trade-mark belonging to this company. This trade-mark is stamped on the rules either in full length or in its abbreviated form "ZZ."

JOINTS used in "Zig Zag" Rules are made in two distinct styles: The Concealed Joint "A" in which there is no hole through the wood, and the Rivet Joint "B" in which the rivet is carried through both wood and joint.

Both styles of joints contain a stiff spring which holds the rule rigid when open, even in the long lengths.

DIRECTION ARROWS "E" enable the user to tell at a glance from which end of the rule to commence measuring. They are located near the end of each leg and add materially to the value of the rule.

STRIKE PLATES "D" are small pieces of metal fastened to the flat surfaces of each section which prevent the wearing away of the graduations when opening and closing. These are used only in connection with the Concealed Joint type, as the form of the rivet on the Rivet Joint type is such that the rivet itself acts as a Strike Plate.

TIPS "C" are semi-circular in form, allowing graduations to be run to the extreme end of the rule and are securely fastened to the wood.

Figures are of several varieties as are here described and illustrated.

REGULAR MARKING—In which the rule is continuously marked with the numbers, 1, 2, 3, etc., commencing on the outside of the rule.

See Nos. 02, 102, 403, 503, 703, 753, 802, 852, 342, 642, 423, 204 lines.

STYLE "F" MARKING—The numbers 1, 2, 3, etc., commence on the inside of the rule, allowing the rule to lie flat when open. The figures 12, 24, 36, etc., are made extra large.

See Nos. 403F, 503F, 803F, 853F lines.

STYLE "M" MARKING—In which the rules are Inches on one side and Metric on the other. All rules having Metric graduations have enlarged figures at 10, 20, 30, etc., centimeters. All Metric graduations are millimeters.

See Nos. 803M, 804M, 805M, 806M, 853M, 854M, 855M, 856M. See note on page 19.

STANLEY "ZIG ZAG" RULES

WITH THE HOOK FEATURE

The new Stanley hook feature facilitates the use of a "Zig Zag" Rule when employed in measuring beyond one's normal reach. Joints, tips and strike plates are brass plated and the finish is exceptionally fine, being of white or yellow enamel as specified.

SIX INCH FOLDS—⅝ INCH WIDE

YELLOW ENAMEL FINISH

Concealed Joints, Regular Figuring

No.		Each
H04	4 ft.	.50
H05	5 "	.60
H06	6 "	.75
H08	8 "	.95

WHITE ENAMEL FINISH

Concealed Joints, Regular Figuring

No.		Each
H104	4 ft.	.55
H105	5 "	.65
H106	6 "	.80
H108	8 "	1.05

STANLEY "VICTOR" "ZIG ZAG" RULES

WITH THE HOOK FEATURE

These rules are like the Stanley "Zig Zag" Rules except that they have no direction arrows or strike plates.

SIX INCH FOLDS—⅝ INCH WIDE

YELLOW ENAMEL FINISH

Rivet Joints, Regular Figuring

No.		Each
H804	4 ft.	.40
H805	5 "	.50
H806	6 "	.60
H808	8 "	.75

WHITE ENAMEL FINISH

Rivet Joints, Regular Figuring

No.		Each
H854	4 ft.	.45
H855	5 "	.55
H856	6 "	.65
H858	8 "	.80

STANLEY AND "VICTOR" SPECIAL "ZIG ZAG" RULES

EXTRA NARROW

Concealed Joints—Four inch folds—⅞ inches wide—Graduated in 16ths of inches on both sides

YELLOW ENAMEL FINISH

No.		Each
342	2 feet long	.20
343	3 " "	.35
344	4 " "	.45

WHITE ENAMEL FINISH

No.		Each
642	2 feet long	.25
643	3 " "	.40
644	4 " "	.50

"ZIG ZAG" RULES

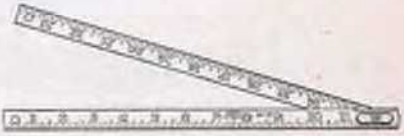
Graduated in 10ths and 100ths

These Rules have Rivet Joints, Six Inch Folds and are ⅝ of an inch wide. They are graduated in 10ths and 100ths of a foot on one side and in 16ths of inches on the other.

No.		Each
814	4 feet long	.35
815	5 " "	.45
816	6 " "	.55

BLACKSMITH'S SPRING BRASS RULE

This Rule consists of two legs made from spring brass, joined together by a brass joint containing a stiff spring which holds the rule rigid when open. Particularly adapted for measuring hot metal, as it can be cooled by plunging in water without rusting. They have a rivet joint and are ⅝ of an inch wide—Graduated in 16ths of inches.



No.		Each
17	2 feet long	1.00

STANLEY SPECIAL "ZIG ZAG" RULES

ALUMINUM

Aluminum "Zig Zag" Rules are recommended on account of their strength and the fact that they will not rust.

They have Rivet Joints with stiff springs which hold the rule rigid when open.

The figures and graduations are raised above the surface of the rule and are white. As the surface has a black finish both the figures and graduations can easily be read especially in places where there is but little light.

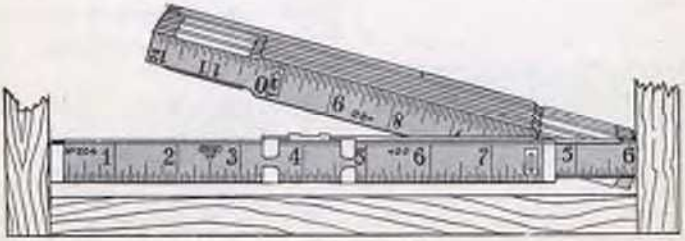
Six inch folds, ½ inch wide, graduated in 16ths of inches on both sides.

No.		Each
423	3 feet long	1.00
424	4 " "	1.35
425	5 " "	1.70
426	6 " "	2.00

EXTENSION "ZIG ZAG" RULES

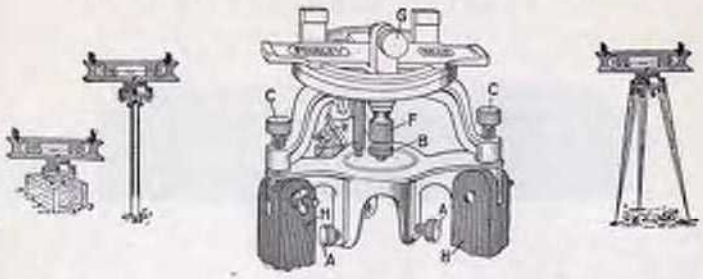
These Rules have an extra leg termed by us an Extension Slide, making the rule an inside "Caliper" with which inside measurements can be easily obtained, as for instance, the inside dimensions of window or door openings, up to the length of the rule plus the length of the extension. Rule No. 204 will caliper 4 feet, 6 inches; No. 206, 6 feet, 6 inches. In the cut the rule shows the distance between the sides of the frame to be 9⅜ inches, i.e. 6 inches shown at end of rule plus 3⅜ inches shown on the slide.

Concealed Joints—Six inch folds—½ inch wide—Yellow Enamel Finish



No.		Each
204	4 feet long	.70
206	6 " "	.95

STANLEY IMPROVED LEVELING STAND



A Leveling stand used in connection with a wood or iron Level and a pair of Level Sights will be found in many cases a very satisfactory and inexpensive substitute for the more expensive surveyor's instruments.

By its use one can readily determine levels from a given point to one at a distance, such as locating or setting the profiles for foundation work, ascertaining the proper grades for drains, ditches, etc.

In use the stand may be placed on any reasonably flat surface such as a wall or box and by means of the adjusting screws (C) the swivel part of the stand can be made exactly level.

The Metal Base that is furnished with each stand enables the user to place same on a stake or crow bar and adjust it to a horizontal position even though the stake or crow bar may not be exactly perpendicular. It can thus be properly located by means of the three horizontal screws "A", and when so located, held securely in place by tightening the vertical screw "B".

A Bolt "D" passes through the Stand and is screwed into the Base, securely holding the two parts together when the Level is adjusted for use.

The Base is provided with three wings (H) so that the tool can also be attached to the legs of a tripod.

The swivel is accurately machined so that it works freely and easily and can be firmly locked in any position desired by the small knurled screw (F) located immediately under the center.

The Screw (G) holds the level in its position on the Swivel, a slight pressure only being required to accomplish this.

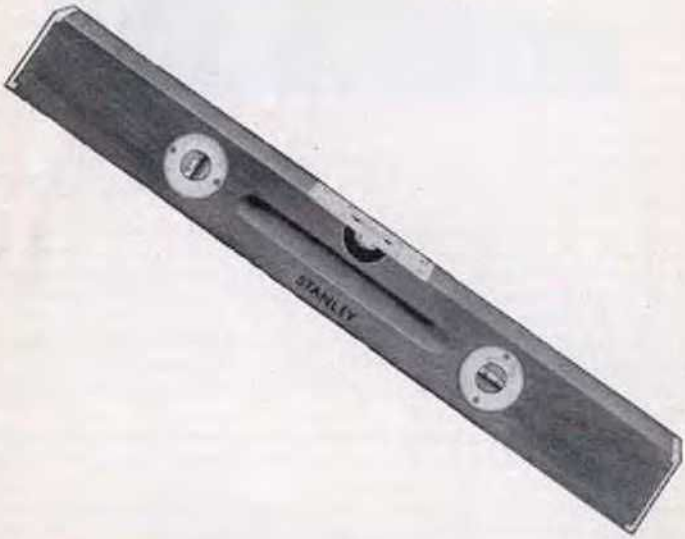
All parts of the stand are made of Metal—nickel plated.

No. 38 Leveling Stand is for use in connection with a Stanley Metal Level. No. 48 for use in connection with an ordinary wood level.

No. 39 Leveling Set is a combination of the No. 38 Stand, a No. 36 12" Stanley Metal Level and a pair of No. 2 Stanley Level Sights.

No.		Each
38	For Metal Levels	**3.10**
48	For Wood Levels	**3.10**
		Per Set
39	Leveling Set	**7.00**

STANLEY WOOD LEVELS



STANLEY WOOD PLUMBS AND LEVELS

The cuts below illustrate the principal mechanical features of Stanley Wood Plumbs and Levels which are used in combination with the various woods, types of glasses and different forms of brass trim, which make up the most complete line of Wood Levels on the market.

A

B

NON-ADJUSTABLE LEVELS have the level and plumb set solid in plaster and cannot be adjusted. Level Glass Cut A. Plumb Glass Cut D.

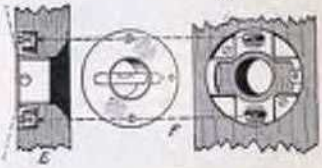
ADJUSTABLE LEVELS have the level glass set in plaster in a metal case. This case is fastened to a steel base on one end by a screw and bushing and on the other (adjusting end) by a special spring and adjusting screw. The case complete is fastened securely in the level by two wood screws. The top plate is independent of the level case thus permitting the level to be easily adjusted. Cut B.

D

The PLUMB GLASS in adjustable levels is set in a case flanged at one end, and is secured to a specially formed cap so made that there is leeway for rotating the flanged case for the proper adjustment. Cut C.

C

DUPLEX PLUMBS have the glasses close to one surface of the level, Cut E, giving an increased angle of vision as compared with the regular form shown above. The flange holding the Plumb Glass case in the level is made with slots, as shown, permitting it to be slightly rotated and adjusted. Cut F.



E F

H G

THREE PLY (Cut H) AND FIVE PIECE (Cut G) LEVELS have a novel method of securely holding the sections of the level in place by a series of tongues and grooves running the entire length of the level. BRASS BOUND LEVELS have the corner bindings dovetailed into the wood and are forced in under pressure.

Another feature of all Stanley Wood Levels is the groove on each side termed by us "Handy" Grip. It gives the workman a secure hold of his level and decreases the chance of dropping the tool.

The Plumb and Level side views are painted black, a trade mark and exclusive Stanley feature, which concentrates the light directly on the bulb, thus enabling the user to quickly locate its position.

STANLEY WOOD PLUMBS AND LEVELS

SMALL STOCK (2⅝" x 1¼") NON ADJUSTABLE PROVED GLASSES

Small Stock Levels are especially adapted for use by Millwrights or Plumbers, or for any work where a Level of greater length and cross section cannot be readily used.

LEVELS ONLY

Hardwood

No.		Each
102	10 inches long	.85
	12 " "	.85
	14 " "	1.00
	16 " "	1.00

Hardwood

No.		Each
103	18 inches long	1.20
	20 " "	1.20
	22 " "	1.30
	24 " "	1.30

PLUMBS AND LEVELS

Hardwood

No.		Each
104	12 inches long	1.30
	14 " "	1.30
	16 " "	1.35
	18 " "	1.35

Hardwood—Special Stock (1⅞" x ¾")

No.		Each
107	9 inches long	1.00
	12 " "	1.05

Hardwood—Brass Tips

No.		Each
104½	12 inches long	2.05
	14 " "	2.05
	16 " "	2.10
	18 " "	2.10

STANDARD STOCK (3⅛" x 1⅜") NON ADJUSTABLE PROVED GLASSES

PLUMBS AND LEVELS

Hardwood

No.		Each
00	18 inches long	1.75
	20 " "	1.75
	22 " "	1.80

Hardwood

No.		Each
0	24 inches long	1.90
	26 " "	1.90
	28 " "	1.95
	30 " "	1.95

Hardwood

No.		Each
02	24 inches long	2.40
	26 " "	2.40
	28 " "	2.55
	30 " "	2.55

Hardwood—Brass Tips

No.		Each
03	24 inches long	2.70
	26 " "	2.70
	28 " "	2.85
	30 " "	2.85

STANLEY WOOD PLUMBS AND LEVELS

ADJUSTABLE PROVED GLASSES STANDARD STOCK (3⅛" x 1⅜")
SINGLE PLUMB

These Plumbs and Levels are similar to the Standard Stock Plumbs and Levels shown on the previous page, but both the Plumb and Level Glasses are adjustable. For detail of adjustments, see page 25.

Hardwood

No.		Each
2	24 inches long	2.65
	26 " "	2.65
	28 " "	2.80
	30 " "	2.80

Hardwood, 3 Ply, Brass Tips, Brass Lips

For description of 3 Ply Plumbs and Levels see page 25.

No.		Each
5	24 inches long	3.90
	26 " "	3.90
	28 " "	4.15
	30 " "	4.15

Hardwood, Brass Tips

No.		Each
3	24 inches long	3.00
	26 " "	3.00
	28 " "	3.10
	30 " "	3.10

Mahogany, Brass Tips, Brass Lips

No.		Each
9	24 inches long	3.85
	26 " "	3.85
	28 " "	4.05
	30 " "	4.05

DOUBLE PLUMBS

A high grade Level, only surpassed by the ground glass and brass bound levels. They have heavy tip plates and corner tips, and two plumb glasses so set that the user can plumb from either end of the level without reversing.

Hardwood, Brass Tips

No.		Each
13	24 inches long	3.60
	26 " "	3.60
	28 " "	3.75
	30 " "	3.75

Hardwood, 3 Ply, Brass Tips, Brass Lips

For description of 3 Ply Plumbs and Levels see page 25.

No.		Each
15	24 inches long	4.35
	26 " "	4.35
	28 " "	4.50
	30 " "	4.50

DUPLEX ADJUSTABLE

These can be read conveniently, even if held above the head. They have three glasses; a level glass set in the top in the usual way, a plumb glass, and a second level glass set in the side. The second level glass can be readily reversed to form a second plumb, if desired.

Hardwood, Brass Tips

No.		Each
30	24 inches long	3.90
	26 " "	3.90
	28 " "	4.15
	30 " "	4.15

Mahogany, Brass Tips, Brass Lips

No.		Each
25	24 inches long	4.95
	26 " "	4.95
	28 " "	5.15
	30 " "	5.15

Hardwood, 3 Ply, Brass Tips, Brass Lips

No.		Each
50	24 inches long	4.65
	26 " "	4.65
	28 " "	4.95
	30 " "	4.95

STANLEY WOOD PLUMBS AND LEVELS

BRASS BOUND—ADJUSTABLE

The life of a wooden Level is greatly increased by having the edges brass bound, which prevents the surface and edges from becoming damaged. The four edges are each protected by one piece of brass of special form, dovetailed the entire length into the wood and through the solid brass tips. The wearing parts are of solid brass to prevent rusting.

All brass lipped levels have brass plumb rings. Made from especially selected, carefully polished and finished stock.

STANDARD STOCK (3½" x 1⅝")
Mahogany, Brass Tips, Proved Glasses

No.		Each
93	24 inches long	4.95
	26 " "	5.20
	28 " "	5.40
	30 " "	5.65

Mahogany, Brass Tips, Brass Lips, Ground Glasses

No.		Each
95	24 inches long	7.35
	26 " "	7.65
	28 " "	7.95
	30 " "	8.35

Rosewood, 5 Piece, Brass Tips, Brass Lips, Ground Glasses

For description of 5-Piece Plumbs and Levels, see page 25.

No.		Each
96	24 inches long	9.15
	26 " "	9.45
	28 " "	9.75
	30 " "	10.45

SMALL STOCK (2¼" x 1½")
Rosewood, Brass Tips, Brass Lips, Ground Glasses

No.		Each
98	6 inches long	2.70
	9 " "	3.40
	12 " "	4.20
	18 " "	5.50

Mahogany, Brass Tips, Proved Glasses

No.		Each
1093	12 inches long	2.85
	18 " "	3.55
	24 " "	4.15

Mahogany, Brass Tips, Two Plumbs, Proved Glasses

No.		Each
1193	12 inches long	4.00
	18 " "	4.60
	24 " "	5.20

LEVEL GLASSES

Proved

Made of extra thick tubing. The Glass is marked at its central or crowning point by two indelible lines, enabling the user to very quickly center the bubble. In ordering give No. 208 and size of glass wanted.

No. 208	Each
1 to 1¾ inches long	.10
2 inches long	.10
2¼ " "	.10
2½ " "	.10
3 " "	.15
3½ " "	.15
4 " "	.15
4½ " "	.20

Ground

The inside surface is ground smooth and true, making the bubble extremely sensitive. The same system of marking is used on these Glasses as on Proved Glasses.

No. 209	Each
1 to 1¾ inches long	.40
2 inches long	.40
2½ " "	.40
3 " "	.65
3½ " "	.75
4 " "	1.15
4½ " "	1.30

STANLEY MASONS PLUMBS AND LEVELS

DOUBLE PLUMBS

These Levels follow the general design of the Carpenters Plumbs and Levels in appearance, trim and adjustments, but are of greater length. They have Proved Glasses.

HARDWOOD, (2¾ x 1⅜), NON-ADJUSTABLE

No.		Each
7½	36 inches long	3.30
8	42 " "	3.90

COMBINED PLUMB RULES AND LEVELS

These are made in two styles, No. 35 having one non-adjustable plumb and one opening for use of plumb bob line, and No. 45½ having two adjustable plumbs and two openings for use of plumb bob and line. Both have proved glasses. The Level Glasses are adjustable.

LIGHT WOOD, (3⅝ x 1⅜)
Adjustable, Opening For Plumb Bob

No.		Each
35	42 inches long	3.40

LIGHT WOOD, (3¾ x 1⅜)
Adjustable, Double Plumb, Opening for Plumb Bob

No.		Each
45½	48 inches long	5.25

Note—A further line of Masons Plumbs and Levels in both Aluminum and Wood are shown on pages 30 to 34.

NEW STANLEY TOOLS

CARPENTERS ALUMINUM LEVELS

Non-adjustable—Brass Cases fitted with 6 Proved Glasses—2 Double Plumbs and 1 Double Level—Size 2⅜ x 1⅛ in.

No.		Each
233	18 in. long	4.75
	24 " "	6.00

MASONS WOOD LEVELS

Light Wood (2⅞ x 1⅜ in.)—Aluminum Bound—Aluminum Tips—Non Adjustable Brass Cases fitted with 6 Proved Glasses—2 Double Plumbs and 1 Double Level. "Hand-y" feature. Painted orange.

No.		Each
251	48 in. long	4.75

CAMERA LEVEL

For leveling clocks, cameras, etc. Proved Glasses. Brass Case, Japanned.

No.		Each
181	Size 1¼ x 1¾ in.	.50

ALUMINUM LINE LEVELS

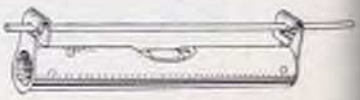
Used to determine grades, lay foundations, trim hedges, etc. Light weight (less than ½ oz.) and extra long case minimizes sag in line. Patented guards on the hooks make it practically impossible to shake it from a line. Proved Glasses

Line and Surface Level
¾ Round Tubing

Flat bottom makes it adaptable for surface leveling.

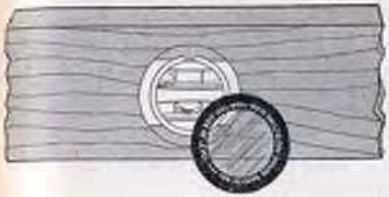
No.		Each
87	3¼ in. long	.75

Line Level Only
Round Tubing

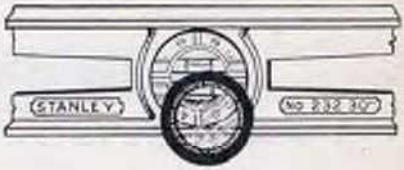


No.		Each
187	3¼ in. long	.50

STANLEY ALUMINUM AND WOOD PLUMBS AND LEVELS



A



B

Particular attention is called to this line of Plumbs and Levels, both as regards general appearance and the several special features incorporated in both the Aluminum and Wood types.

Those made of Aluminum are highly recommended, as they combine light weight and great strength and are guaranteed against rusting or warping.

The Truss form of construction (a patented feature) adds materially to the strength of the level frame, overcoming the liability of its being sprung out of true by accident.

The tops and bottoms are milled and ground to insure perfectly parallel surfaces.

Both the Aluminum and Wood Levels are fitted with "Proved" Glasses, so arranged that no matter how the tool is taken up, one or more of them are available to level or plumb.

The openings for both level and plumb glasses are protected by heavy glass covers, thus preventing damage to the bulbs and keeping out the dirt.

If a glass should be broken we would recommend that the level be returned to the factory for repairs, thus insuring the accurate adjustment of the new glass. However, if the owner has a perfect standard by which to set the new glass, a new glass set in its case can be sent from the factory.

The cases holding the level and plumb glass in the non-adjustable levels are set solid in plaster in a brass case (Cut A). The adjustable are set in an adjustable aluminum case (Cut B) and are fastened to the level stock by screws under the glass covers on the side of the level where directions for removing appear. To remove the level or plumb glass, cut out the putty holding the cover. The cover can then be removed and the broken glass in its case taken out by loosening the screws holding it to the level stock.

STANLEY ALUMINUM AND WOOD PLUMBS AND LEVELS

The Plumbs and Levels shown on this page are fully described on the preceding page and are especially designed for Carpenters' and Mechanics' use. The Glasses are so arranged that no matter how the tool is taken up, one or more of them are available with which to level or plumb. All Glasses are protected by heavy glass covers.

ALUMINUM

Adjustable—Aluminum Cases Fitted with 6 Proved Glasses—2 Double Plumbs and 1 Double Level

No.			Each
232	24 inches long	Weight 2¼ lbs.	5.85
	26 " "	" 2⅜ "	6.10
	28 " "	" 2½ "	6.40
	30 " "	" 2⅝ "	6.60

EXTRA QUALITY—LIGHT WOOD (1⅝" x 2⅛")

Non-Adjustable—Brass Cases Fitted with 4 Proved Glasses—2 Single Plumbs and 1 Double Level

They have the "Hand-y" feature and are made in two styles, unbound and without Tips and Full Aluminum Bound and Tipped. Painted Dark Orange color.

Not Bound—No Tips

No.			Each
257	24 inches long	Weight 1⅛ lbs.	2.20
	26 " "	" 1¼ "	2.25
	28 " "	" 1⅜ "	2.35
	30 " "	" 1½ "	2.40

Aluminum Bound—Aluminum Tips

No.			Each
258	24 inches long	Weight 1⅝ lbs.	3.90
	26 " "	" 1¾ "	4.00
	28 " "	" 1⅞ "	4.10
	30 " "	" 2 "	4.20

STANLEY WOOD PLUMBS AND LEVELS

Non-Adjustable Brass Cases—Extra Quality—Light Wood (2⅞" x 1⅜")

Fitted with 2 proved glasses—1 plumb and 1 level—"Hand-y" feature

No.		Each
257	18 Inches long	**1.60**

Adjustable Aluminum Cases, Extra Quality (2¾ x 1⅛)

Fitted with 4 proved glasses—2 single plumbs and 1 double level

These levels are made of cherry and have an unusually fine hand rubbed finish and have the "Hand-y" feature.

Not Bound—No Tips

No.		Each
260	24 in. long.	**3.70**
	28 " "	**3.85**

Aluminum Tips

No.		Each
261	24 in long.	**4.20**
	28 " "	**4.35**

Full Aluminum Bound with Aluminum Tips

No.		Each
262	24 in. long.	**6.15**
	28 " "	**6.60**

STANLEY ALUMINUM AND WOOD PLUMBS AND LEVELS

The Plumbs and Levels shown on this page are fully described on page 31 and are especially designed for MASONS use. The Glasses are so arranged that one or more of them are available with which to level or plumb, no matter how the tool is taken up. All glasses are protected by heavy glass covers.

ALUMINUM

Adjustable—Aluminum Cases Fitted with 6 Proved Glasses—2 Double Plumbs and 1 Double Level

No.			Each
235	42 in. long	Weight 4¼ lbs.	9.75

EXTRA QUALITY—LIGHT WOOD (2¾" x 1⅛")

Non-Adjustable Iron Cases Fitted with 6 Proved Glasses, 2 Double Plumbs and 1 Double Level
Painted a dark orange color. Two hand holes are provided for convenience and safety in handling.

No.			Each
250	42 in. long.	Weight 2 lbs.	3.90
	48 " "	" 2¼ "	4.15

EXTRA QUALITY—LIGHT WOOD (2⅛" x 1⅛")
Fitted with 6 Proved Glasses—4 Single Plumbs and 1 Double Level

Two hand holes are provided for convenience and safety in handling. Made in three styles, as noted below. Painted dark orange color.

Not Bound—No Tips

No.			Each
252	42 in. long	Weight 2 lbs.	3.90
	48 " "	" 2¼ "	4.15

Not Bound—Aluminum Tips

No.		Each
254	48 in. long	4.65

Aluminum Bound—Aluminum Tips

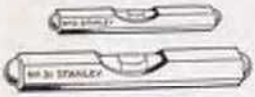
No.			Each
253	42 in. long	Weight 2¾ lbs.	5.85
	48 " "	" 3 "	6.30

Other Masons Plumbs and Levels are shown on page 29

STANLEY METALLIC LEVELS

HEXAGON POCKET LEVELS
Nickel Plated—Proved Glasses

These are very handy for leveling up clocks, cameras, etc.



No.		Each
31	2 inches long	.45
	2½ " "	.50
	3 " "	.60
	3½ " "	.75

STRAIGHT EDGE POCKET LEVELS
Proved Glasses

So called for the reason that they can be readily attached to any Straight Edge or Carpenter's Square. By means of the thumb screw it can be held firmly in place. The body is of iron and is japanned.

No.		Each
40	Japanned, Japan Top Plate	.20
41	" Brass " "	.25

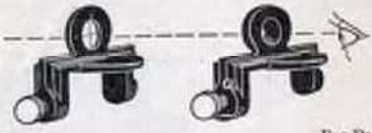
BIT AND SQUARE LEVEL
Proved Glasses

This tool has three pairs of V slots on its edges. The shank of a Bit will lie in these slots, either horizontal, vertical or at an angle of 45 degrees, and boring can be done with perfect accuracy. It can also be attached to a Carpenter's Square, making it an accurate Plumb or Level.

No.		Each
44	Brass Frame	.55

STANLEY LEVEL SIGHTS

For sighting from one given point to another a distance away. Can be attached to any level. When not in use, will pack away in a small space. Furnished in pairs.



No.		Per Pair
1	For Wood Levels, Black Finish	1.20

No.		Per Pair
2	For Metal Levels, Black Finish	1.20

A NEW DESIGN

For use on either wood or metal levels.

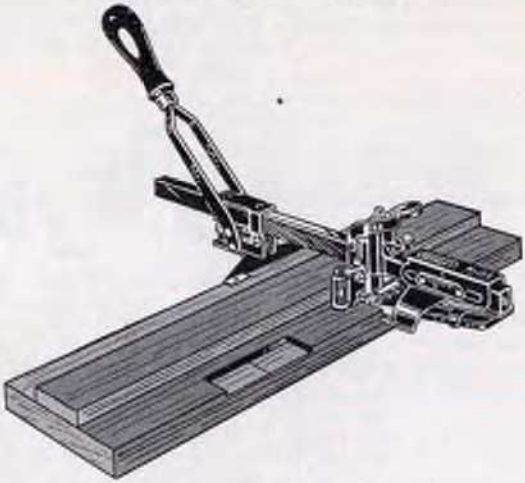
Made of wrought brass with black nickel finish.

To use on wood levels place thumb screw in the lower tapered hole, for metal levels in the upper tapered hole.

No.		Per Pair
138	For Wood and Metal Levels	1.20

STANLEY BUTT MORTISER

A TIME AND LABOR SAVING TOOL



A door and casing, after the door is fitted, can be competely mortised for three hinges in as little as six minutes with a Stanley Butt Mortiser. It cuts all mortises—doors, cupboard doors, casement windows, cabinet doors, etc., from 1¾ inch up. 3½ inch Butts (the most common size) can be mortised without marking the length of the butt on the work. A "hinge bound" door is impossible as all mortises are uniform in width and depth.

SPECIFICATIONS

STANLEY BUTT MORTISER No. 280

Maximum cutting capacity: Length—any length from 1¾ inch up; width, 1¾ inch; depth, 5/16 inch.

Fits over jambs up to 8 inch wide. Has a clearance of 13/16 inch over trim.

Works in any wood common to jamb and door construction.

Weighs only 4¾ lbs.

Made of highest grade materials.

All parts are interchangeable.

Handsomely finished. Metal parts are Parkerized and are rust-proof. Handle and Knife Lever are painted orange.

No. **280** Each, **19.50**

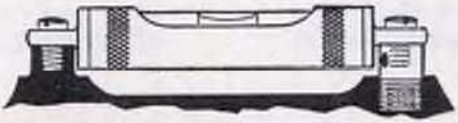
Complete instructions for using are packed with each Mortiser.

STANLEY METALLIC PLUMBS AND LEVELS

THE FRAMES of both Nos. 36 and 37 are of corrugated I section, insuring lightness, strength and rigidity. The tops and bottoms of the levels are milled and wet ground to insure two perfectly parallel surfaces so that they can be used to level by placing the bottom on the work in the ordinary way, or the top under the work as required in leveling ceiling beams, girders, overhead piping, etc.

THE ADJUSTMENT of both level and plumb glasses on Levels No. 36 and No. 37, described on pages 38 and 39, is clearly shown in the above cut. The nickel plated brass case containing level or plumb glass is plugged at both ends. Each plug is provided with a tapered hole, drilled above the center line of the case. Taper pointed screws engage in these holes, thus bringing the tube firmly down onto the two milled seats. Slight adjustment, when necessary, is obtained by loosening one or the other of the screws and placing thin paper between the seat and the tube.

THE ECLIPSE COVER is an outer shell or tube fitting over the level case, which can be turned, either to expose the level glass when in use, or to protect it when not in use. The cut above shows cover partially closed.



IN THE No. 34 LEVEL (see page 41) the glass is suspended in the case between supports, one of which is a part of the casting and therefore fixed, the other a stud which can be moved up or down as required. On both supports the level glass container is held by fastening screws.

STANLEY METALLIC PLUMBS AND LEVELS

No. 36

These Plumbs and Levels have tops and bottoms milled and wet ground to insure two perfectly parallel surfaces. The glasses are so set that either surface may be used to level or plumb. They are set in metal cases which fit accurately on supports cast in the frame of the level. The cases are held on the supports by means of eccentric cone centers at each end, with screw adjustment. See page 37.

These levels are also made with a grooved bottom for working on shafting, piping, etc.

JAPANNED NICKEL TRIM ADJUSTABLE PROVED GLASSES

Smooth Bottoms

No.		Each
36	6 inches long	1.80

36	9 inches long	2.20

36	12 inches long	2.65

36	18 inches long	3.15

36	24 inches long	3.55

Grooved Bottoms

No.		Each
36G	6 inches long	1.95

36G	9 inches long	2.35

36G	12 inches long	2.80

36G	18 inches long	3.40

36G	24 inches long	3.85

STANLEY METALLIC PLUMBS AND LEVELS

No. 37

These are of the same general design as the No. 36 line described on previous page. They have, however, ground glasses, are full nickel plated, and the glasses are protected. This latter feature consists of a shell or cover, termed by us "Eclipse Case." When the level is not in use this case can be turned so as to completely protect the glass from damage. They are also made with a grooved bottom for working on shafting, piping, etc.

NICKEL PLATED ADJUSTABLE GROUND GLASSES ECLIPSE COVERS

Smooth Bottoms

No.		Each
37	6 inches long	2.55

37	9 inches long	3.10

37	12 inches long	3.55

37	18 inches long	4.60

37	24 inches long	4.95

Grooved Bottoms

No.		Each
37G	6 inches long	2.80

37G	9 inches long	3.30

37G	12 inches long	3.75

37G	18 inches long	4.60

37G	24 inches long	5.25

STANLEY ALUMINUM PLUMBS AND LEVELS

The Aluminum Plumbs and Levels shown below are, by reason of their light weight, great strength, and the fact that they will not rust or warp, especially adapted for carpenters use.

No. 236

The No. 236 Level is of the "Truss" construction (patented) adding exceptional strength. The tops and bottoms are milled and ground to insure two perfectly parallel surfaces. It is fitted with two level and two plumb "Proved Glasses." Particular attention is called to the distinctive arrangement of the level glasses, one being on the top of the frame and the other directly beneath it, allowing the user to level from above or below the work with equal facility.

No.		Each
236 24 in. long	Weight 1½ lbs.	**6.00**

No. 237

In this line of Aluminum Plumbs and Levels the tops and bottoms are milled and ground insuring two parallel surfaces. They are fitted with three "Proved Glasses" (one level and two plumbs) and both level and plumb glasses are protected by "Eclipse" covers and are adjustable.

Nickel Plated.

No.		Each
237 12 in. long	Weight 1 lb.	**3.90**

No.		Each
237 18 in. long	Weight 1¼ lbs.	**4.90**

No.		Each
237 24 in. long	Weight 1¾ lbs.	**5.65**

STANLEY MACHINISTS LEVELS

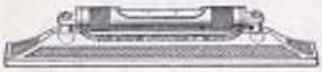
NICKEL PLATED—GROUND GLASSES—ECLIPSE COVERS

These Levels are exceptionally fine tools. The bottoms are milled true on both the smooth and grooved patterns. They are fitted with ground glasses which are extra long and of large diameter. This makes them extremely sensitive, consequently particularly adapted for machinists' use. The glass is fitted in a metal case. An outer shell, termed by us "Eclipse Cover" is fitted over the case, which can be turned so as to completely protect the Glass. The case is screwed to a substantial metal base. The levels may be adjusted by these screws. For leveling up shafting, piping, etc., they are made with grooved bottoms.

Smooth Bottoms

No.		Each
34	4 inches long	1.65

34	6 inches long	2.05



34	8 inches long	2.70

34	10 inches long	3.00

Grooved Bottoms

No.		Each
34G	4 inches long	1.65

34G	6 inches long	2.10

34G	8 inches long	2.85

34G	10 inches long	3.15

SQUARE IRON LEVELS

Nickel Plated—Proved Glasses

These are fitted with Proved Glasses set solid in plaster. The top plate is entirely separate from the glass.

No.		Each
38½	4 inches long	.75

39½	6 inches long	1.00

STANLEY SQUARES AND BEVELS

No. 20

No. 12

No. 25

No. 18

STANLEY TRY AND MITRE SQUARES

TRY SQUARES

The edges of the blades are machined and are square inside and out. Regularly graduated 8ths of inches but can be furnished with metric graduations without additional charge.

ROSEWOOD HANDLES

"Hand-y" Feature, Brass Face Plates, Blued Blades

No.						Each
20	3 inch	Blade,	2⅜ inch	Handle		**.45**
	4½ "	"	3½ "	"	"	**.50**
	6 "	"	4⅝ "	"	"	**.70**
	7½ "	"	5⅝ "	"	"	**.75**
	8 "	"	5⅝ "	"	"	**.75**
	9 "	"	6 "	"	"	**.95**
	10 "	"	6 "	"	"	**1.05**
	12 "	"	7 "	"	"	**1.25**
	15 "	"	8¼ "	"	"	**1.65**
	18 "	"	9¾ "	"	"	**2.20**

15 and 18 inch have Handle Rests

IRON HANDLES

Nickel Plated

No.						Each
12	2 inch	Blade,	2 inch	Handle		**.45**
	4 "	"	3⅛ "	"	"	**.55**
	6 "	"	4⅝ "	"	"	**.75**
	8 "	"	5⅛ "	"	"	**.80**
	10 "	"	6⅝ "	"	"	**1.05**
	12 "	"	8 "	"	"	**1.25**

ALUMINUM HANDLES

Special Blued Finish Blade Rust Resisting

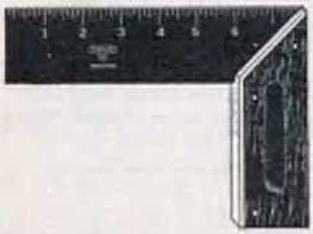
No.						Each
312	6 inch	Blade,	4⅜ inch	Handle		**1.00**
	8 "	"	5½ "	"	"	**1.05**
	10 "	"	6⅝ "	"	"	**1.30**

TRY AND MITRE SQUARES

Can be used with equal convenience and accuracy as a Try Square or a Mitre Square. The edges of blades are machined and are square inside and out. Graduated 8ths of inches, but can be furnished with metric graduations without additional charge.

ROSEWOOD HANDLES

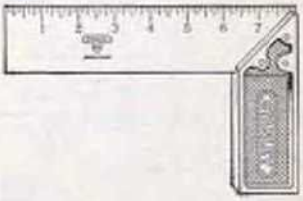
"Hand-y" Feature, Brass Face Plates, Blued Blades



No.						Each
2	4½ inch	Blade,	3⅛ inch	Handle		**.70**
	6 "	"	4 "	"	"	**.80**
	7½ "	"	5 "	"	"	**.90**
	9 "	"	5⅝ "	"	"	**1.10**
	12 "	"	5¾ "	"	"	**1.25**

IRON HANDLES

Nickel Plated



No.						Each
1	4 inch	Blade,	3 inch	Handle		**.65**
	6 "	"	4 "	"	"	**.80**
	8 "	"	5 "	"	"	**.95**
	10 "	"	5 "	"	"	**1.10**
	12 "	"	5 "	"	"	**1.30**

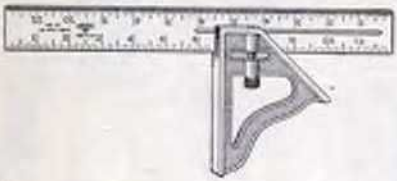
STANLEY TRY AND MITRE SQUARES

ADJUSTABLE SQUARES

The edges of the Blades are machined and square inside and out. The Blade can be firmly locked at any point. Can be furnished with metric graduations without additional charge.

COMBINATION TRY AND MITRE SQUARES

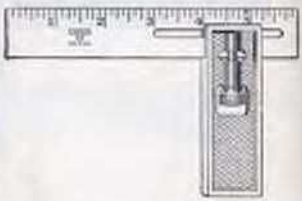
Iron Handles, Nickel Plated. Graduated 8ths, 16ths, 32nds.



No.		Each
21	6 inch Blade, 2 5/8 inch Handle	1.35
	9 " " 3 1/8 " "	1.20
	12 " " 3 5/8 " "	1.40

TRY SQUARES

Iron Handle, Nickel Plated. Graduated 8ths, 16ths.



No.		Each
14	4 inch Blade, 2 3/4 inch Handle	.65
	6 " " 3 3/4 " "	.75

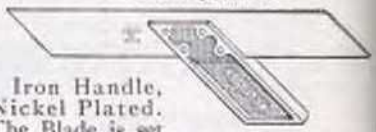
NON-ADJUSTABLE SQUARES

TRY SQUARES

Inlaid Rosewood Handles, Extra Heavy Polished Blade. Not graduated.

No.		Each
10	4 inch Blade, 3 inch Handle	.80
	6 " " 3 1/2 " "	1.05
	8 " " 5 1/2 " "	1.30
	10 " " 6 1/2 " "	1.85

MITRE SQUARES



Iron Handle, Nickel Plated. The Blade is set at an angle of 45 degrees. Not graduated.

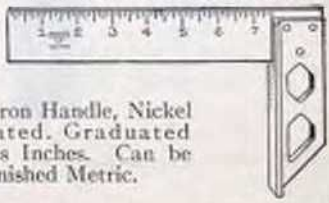
No.		Each
16	8 inch Blade, 4 1/4 inch Handle	1.00
	10 " " 5 1/8 " "	1.15
	12 " " 5 7/8 " "	1.30

TRY AND MITRE SQUARES

Iron Handle, Nickel Plated. Graduated 8ths Inches. Can be furnished Metric.

No.		Each
15	7 1/2 inch Blade, 5 1/4 inch Handle	1.20

TRY AND MITRE SQUARES



Iron Handle, Nickel Plated. Graduated 8ths Inches. Can be furnished Metric.

No.		Each
17	7 1/2 inch Blade, 5 inch Handle	.95

STANLEY BEVELS AND ANGLE TOOLS

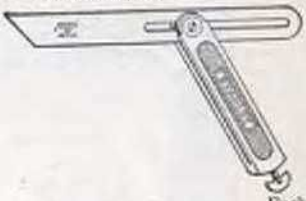
SLIDING "T" BEVELS

These bevels have an improved locking device which prevents the Blade from slipping. Blades are machined and are ground on both sides and edges.

ROSEWOOD HANDLE
Blued Blade

No.				Each
25	6 in. Blade,	4½ in.	Handle	.60
	8 " "	5⅝ "	"	.65
	10 " "	6⅞ "	"	.70
	12 " "	7⅞ "	"	.75
	14 " "	8¾ "	"	.80

IRON HANDLE
Nickel Plated

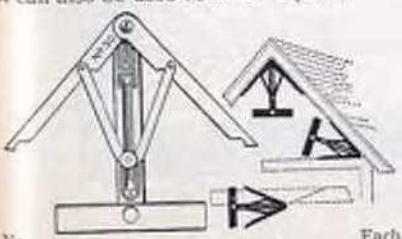


No.				Each
18	6 in. Blade,	4¼ in.	Handle	.85
	8 " "	5⅛ "	"	1.10
	10 " "	6⅛ "	"	1.20
	12 " "	6¾ "	"	1.30

ANGLE DIVIDERS

To lay out the cut bisecting an angle with an ordinary bevel necessitates the use of dividers and a second handling of the bevel, making three operations. The Stanley Angle Divider is designed for performing this work at one setting and is practically a double bevel. The two blades each fit one side of an angle and the handle gives the center line. The cut is marked from the center.

The handle is graduated on the under side for laying out 4, 6 or 8-sided work, and, by means of a removable "T" head, it can also be used as a "T" square.

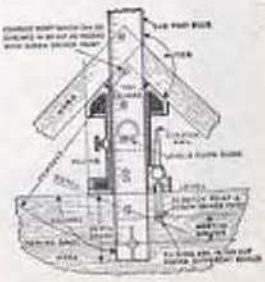


No. 39 7¾ inches long. Nickel Plated — Each 2.25

"ODD JOBS"

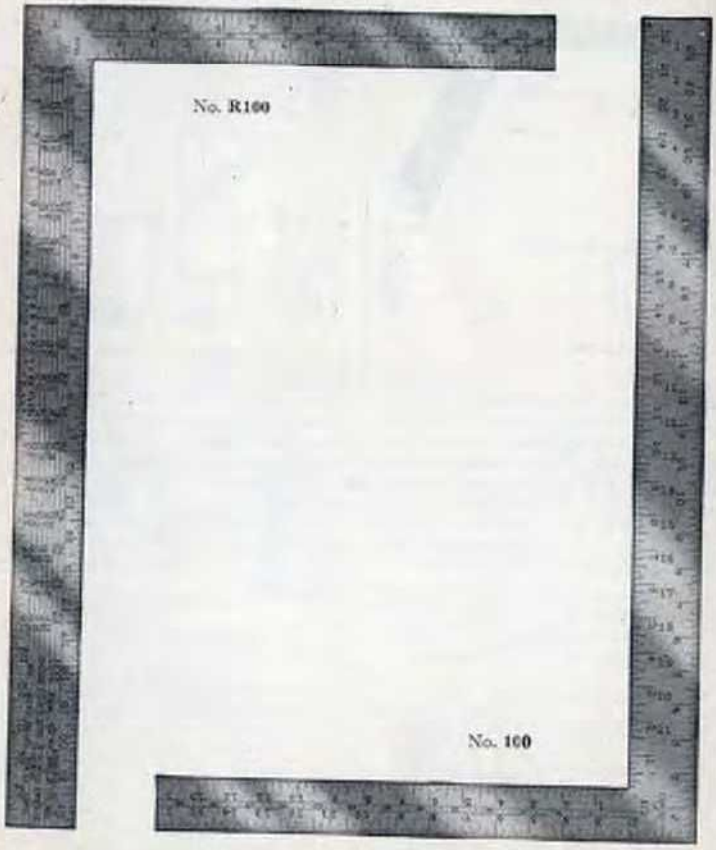
It combines a Level, Plumb, Try Square, Mitre Square, Bevel, Scratch Awl, Depth Gauge, Marking Gauge, Mortise Gauge, Beam Compass and a One-Foot Rule. The rule is graduated in sixteenths of inches.

All parts of the tool are carefully machined so that in using same for any purpose where any of the above mentioned tools are required, sufficient accuracy may be obtained for all practical purposes.



No. 1 4 inches long. Nickel Plated — Each 1.40

STANLEY
STEEL SQUARES



STANLEY STEEL SQUARES

Stanley Steel Squares combine the highest quality of workmanship and material. They are made from one piece of steel, and unless otherwise specified, all two-foot Squares are tapered in thickness from the angle outward, and have specially hardened corners.

On the opposite page, the two larger cuts show the general appearance and proportions of the Square, although the cuts are so small that the graduations or the tables can not be clearly shown. Graduations on blued and copper Squares are filled with white.

The Steel Square has essentially two parts—the tongue and the body—the tongue being the shorter, narrower part; and the body the longer, wider part.

The cuts on this page give in reduced size and in detail, portions of the well-known tables or scales which are stamped on the Squares.

Complete details of the method of using these tables will be found in a booklet which is packed with each Square.

RAFTER OR FRAMING TABLE

This is always found on the body of the Square. It is used for determining the length of common, valley, hip and jack rafters and the angles at which they must be cut to fit at the ridge and plate.

The appearance of this table is a column six lines deep under each inch graduation from 2 to 18 inches.

The 12-inch section only of this table is shown here, but at the left of the table on the Square will be found letters indicating the application of the figures given.

The symbols X and V as applied to this table, are a patented feature designed to do away with the possibility of making errors in laying out angles for cuts.

ESSEX TABLE

This is always found on the body of the Square. This table shows the board measure in feet and 12ths of feet of boards one inch thick of usual lengths and widths.

On Stanley Squares, it consists of a table 8 lines deep under each inch graduation as shown by the cut at the right which represents the 12-inch section of this table.

BRACE TABLE

This table is found on the tongue of the Square. It shows the length of the brace to be used where the rise and run are from 24 inches to 60 inches and are equal.

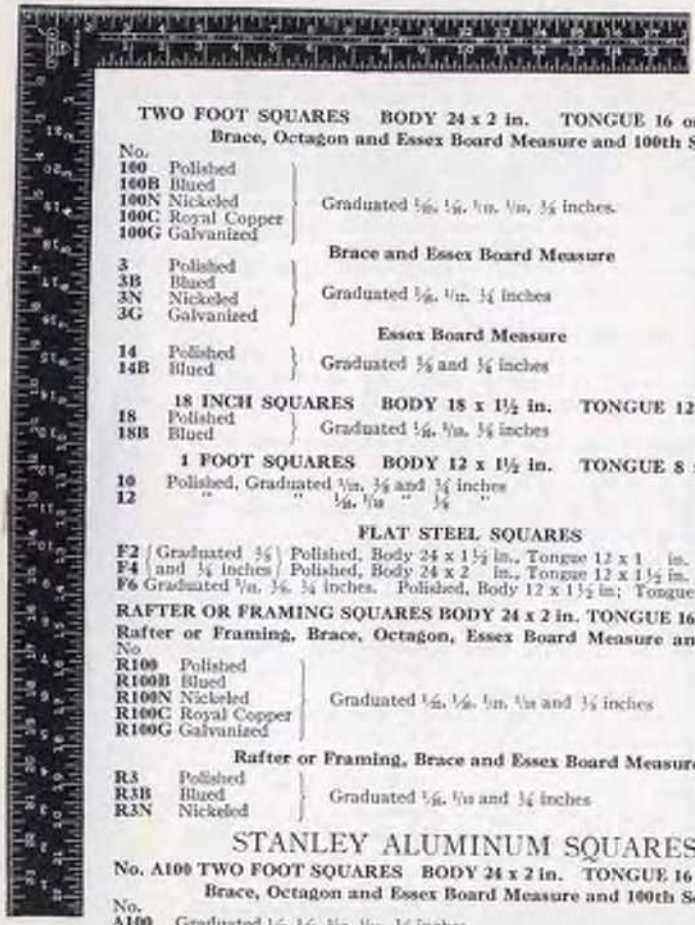
OCTAGON SCALE

This is located on the tongue of the Square, and is used for laying out a figure with eight equal sides on a square piece of timber. It is a scale, the graduations of which are represented by 65 dots located $^{5}/_{24}$ ths of an inch apart.

HUNDREDTHS SCALE

This scale is found on the tongue of the Square and by means of a divider, decimals of an inch may be obtained. It is used particularly in reference to brace measure.

STANLEY STEEL SQUARES



TWO FOOT SQUARES BODY 24 x 2 in. TONGUE 16 or 18 x 1½ in.

Brace, Octagon and Essex Board Measure and 100th Scale

No.			Each
100	Polished	Graduated 1/16, 1/8, 1/10, 1/20, 1/4 inches.	2.70
100B	Blued		3.25
100N	Nickeled		3.15
100C	Royal Copper		3.40
100G	Galvanized		3.25

Brace and Essex Board Measure

3	Polished	Graduated 1/16, 1/10, 1/4 inches	2.40
3B	Blued		3.00
3N	Nickeled		2.95
3G	Galvanized		3.00

Essex Board Measure

14	Polished	Graduated 1/8 and 1/4 inches	2.20
14B	Blued		2.80

18 INCH SQUARES BODY 18 x 1½ in. TONGUE 12 x 1 in.

18	Polished	Graduated 1/16, 1/10, 1/4 inches	2.20
18B	Blued		2.80

1 FOOT SQUARES BODY 12 x 1½ in. TONGUE 8 x 1 in.

10	Polished, Graduated 1/10, 1/8 and 1/4 inches	1.65
12	" " 1/16, 1/10 " 1/4 "	1.90

FLAT STEEL SQUARES

F2	Graduated 1/8 and 1/4 inches / Polished, Body 24 x 1½ in., Tongue 12 x 1 in.	1.30
F4	Polished, Body 24 x 2 in., Tongue 12 x 1½ in.	1.45
F6	Graduated 1/10, 1/8, 1/4 inches. Polished, Body 12 x 1½ in; Tongue 8 x 1 in.	1.00

RAFTER OR FRAMING SQUARES BODY 24 x 2 in. TONGUE 16 or 18 x 1½ in.

Rafter or Framing, Brace, Octagon, Essex Board Measure and 100th Scale

No			Each
R100	Polished	Graduated 1/16, 1/8, 1/10, 1/20 and 1/4 inches	3.40
R100B	Blued		4.00
R100N	Nickeled		3.90
R100C	Royal Copper		4.35
R100G	Galvanized		4.00

Rafter or Framing, Brace and Essex Board Measure

R3	Polished	Graduated 1/8, 1/10 and 1/4 inches	2.65
R3B	Blued		3.25
R3N	Nickeled		3.15

STANLEY ALUMINUM SQUARES

No. A100 TWO FOOT SQUARES BODY 24 x 2 in. TONGUE 16 or 18 x 1½ in.

Brace, Octagon and Essex Board Measure and 100th Scale

No.		Each
A100	Graduated 1/16, 1/8, 1/10, 1/20, 1/4 inches	3.55

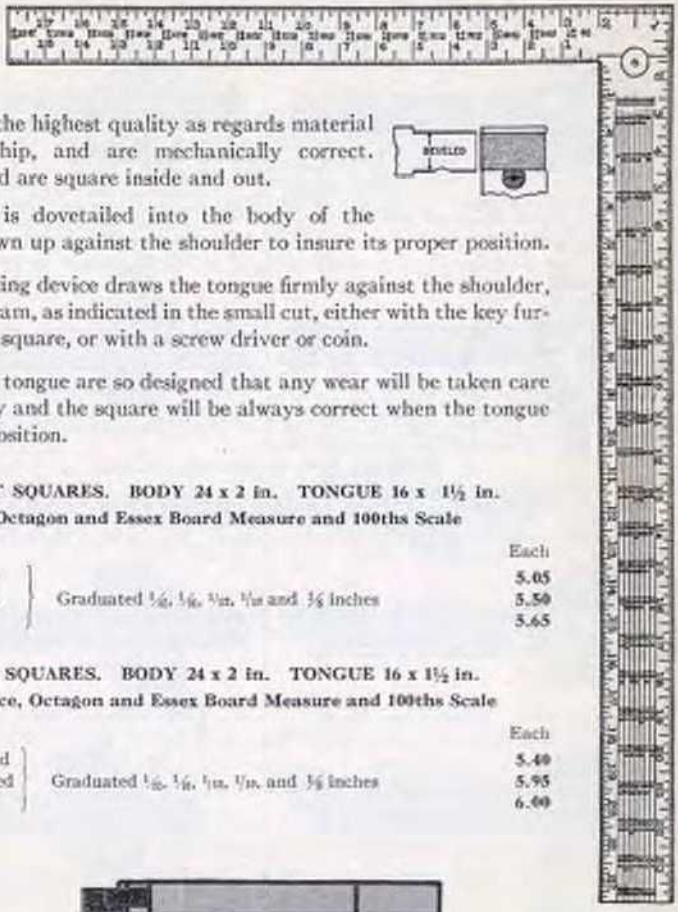
No. AR100 RAFTER OR FRAMING SQUARES BODY 24 x 2 in. TONGUE 16 or 18 x 1½ in.

Rafter or Framing, Brace, Octagon, Essex Board Measure and 100th Scale

No.		Each
AR100	Graduated 1/16, 1/8, 1/10, 1/20, 1/4 Inches	4.50

Unless otherwise specified, squares having a 16-inch tongue will be sent.

STANLEY "TAKE DOWN" STEEL SQUARES



These are of the highest quality as regards material and workmanship, and are mechanically correct. When assembled are square inside and out.

The tongue is dovetailed into the body of the square and drawn up against the shoulder to insure its proper position.

The cam locking device draws the tongue firmly against the shoulder, by turning the cam, as indicated in the small cut, either with the key furnished with the square, or with a screw driver or coin.

The cam and tongue are so designed that any wear will be taken care of automatically and the square will be always correct when the tongue is locked into position.

TWO FOOT SQUARES. BODY 24 x 2 in. TONGUE 16 x 1½ in.
Brace, Octagon and Essex Board Measure and 100ths Scale

No.			Each
100-TD	Polished	Graduated 1/8, 1/16, 1/32, 1/64 and 1/8 inches	**5.05**
100N-TD	Nickeled		**5.50**
100B-TD	Blued		**5.65**

RAFTER SQUARES. BODY 24 x 2 in. TONGUE 16 x 1½ in.
Rafter, Brace, Octagon and Essex Board Measure and 100ths Scale

No.			Each
R100-TD	Polished	Graduated 1/8, 1/16, 1/32, 1/64 and 1/8 inches	**5.40**
R100N-TD	Nickeled		**5.95**
R100B-TD	Blued		**6.00**

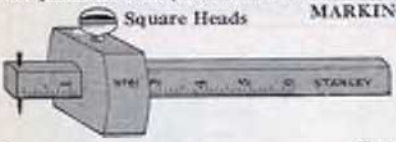
Packed 1 in a water-proof, canvas case

STANLEY WOOD MORTISE AND MARKING GAUGES

The bars in all numbers are oval in form and are graduated in 16ths of inches for 6 inches from the point, except Nos. 68, 73 and 77 graduated for 3 inches. Gauges having a brass thumb screw have the bar protected by a brass shoe and the head is prevented from falling off by a brass stop screw. Face plates are brass plates inserted in the head to prevent wear.

MARKING GAUGES

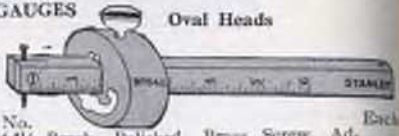
Square Heads



No.		Each
61	Beech, Boxwood Screw	.20
62	Beech, Polished, Boxwood Screw, Adjustable Point	.35

65	Boxwood, Polished, Brass Screw, Adjustable Point, Face Plate, Stop Screw	.90
265	Same as 65 except not figured or marked	.90

Oval Heads



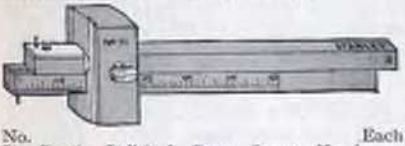
No.		Each
64½	Beech, Polished, Brass Screw, Adjustable Point, Face Plate, Stop Screw	.60
65½	Boxwood, Polished, Brass Screw, Adjustable Point, Face Plate, Stop Screw	1.00
264½	Same as 64½ except not figured or marked	.60

65¾	Boxwood, Polished, Brass Screw, Adjustable Point and Pencil, Face Plate	1.10

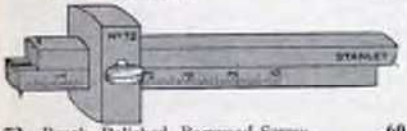
MORTISE AND MARKING GAUGES

Double Bar Gauges

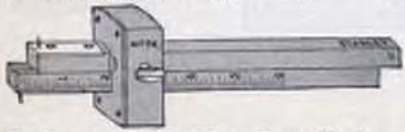
These have two independent bars working in the same head. One pin is affixed to each bar. One side of the mortise is marked and the Gauge turned over for marking the other side.



No.		Each
71	Beech, Polished, Brass Screw, Head Plated, Stop Screw	1.05



72	Beech, Polished, Boxwood Screw	.60

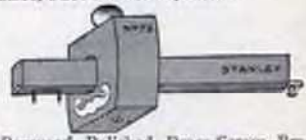


74	Boxwood, Polished, Brass Screw, Head Full Plated, Stop Screw	1.45

Slide Gauges

These have a slide working in the bar. One point is affixed to the slide, the other to the bar itself. Both sides of the mortise are marked at the same time.

No.		Each
68	Beech, Polished, Brass Screw, Wood Slide, Face Plate, Stop Screw	.85



73	Boxwood, Polished, Brass Screw, Brass Slide, Face Plate, Stop Screw	1.15

77	Rosewood, Brass Adjustable Slide, Brass Screw, Face Plate, Stop Screw	1.60

STANLEY SPECIAL GAUGES

CUTTING GAUGE

This cutting Gauge will be found very useful for slitting up thin stock. The Blade is specially tempered and sharpened and is adjustable.

No.		Each
70	Beech, Polished, Boxwood Screw, Adjustable Blade, Face Plate	.60

PANEL GAUGES

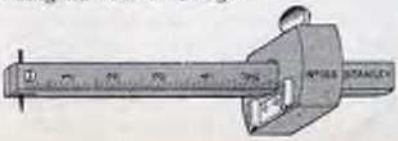
These Gauges are mainly used for marking door panels and such wide work where an extra long bar is needed. The steel marking points are well tempered and adjustable. They have an extra wide head that is rabbeted to prevent slipping.

No.		Each
85	Beech, Polished, 17½ in. Long, Adjustable Point	.50
85½	Rosewood, Polished, 20½ in. Long, Adjustable Point	3.35

CIRCULAR FACE PLATES FOR WOOD GAUGES

Any Wood Gauge may be fitted with this attachment. It consists of a brass face with two ribs, and when attached to one side of a gauge head will enable the user to run a gauge line with perfect steadiness and accuracy around curves of any degree, either concave or convex. In ordering any Gauge with this attachment, simply prefix 1 to the number, as 161, 162, 165, etc. For price, add .10 to the regular price given for the corresponding number of Gauge.

Convex Work

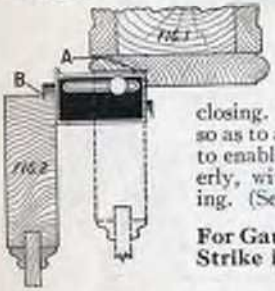


Concave Work

STANLEY BUTT GAUGES

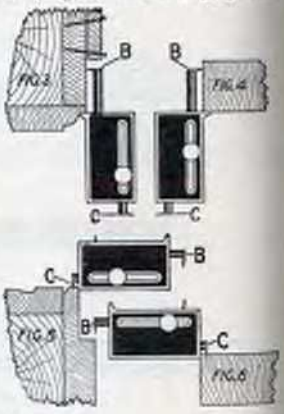
In hanging doors there are three measurements to be marked—the location of the butt on the casing, the location of the butt on the door, and the thickness of butt on both casing and door. STANLEY BUTT GAUGES have three separate cutters arranged with the necessary clearances so that no change of setting is necessary when hanging a number of doors. They are also Rabbet Gauges, Marking Gauges, and Mortise Gauges and have a scope sufficient for all door trim including lock plates, strike plates, etc.

The illustrations below show the method of using Stanley Butt Gauges on doors having rabbeted jambs or nailed on strikes.



For Gauging Casings with Rabbeted Jambs

Set Cutter A to gauge from back of rabbeted jamb (Fig. 1); Cutter B is then in correct position for gauging from edge of door (Fig. 2) which engages in closing. These Cutters are made so as to allow sufficient clearance to enable the door to close properly, without catching or binding. (See dotted line Fig. 1.)



For Gauging Jambs to Which Strike is Nailed after Door is Hung

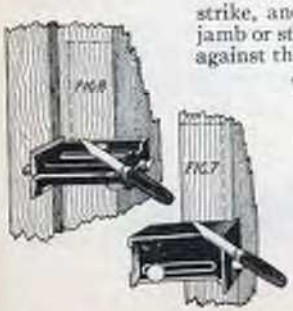
Reverse Bar to which Cutter B is attached, place Flange against edge of casing, and mark with Cutter B (Fig. 3). Use same setting of Cutter B for marking door, placing Flange against the outer edge (Fig. 4).

To Gauge for Thickness of Butt

Set Cutter C to depth required; gauge from depth of jamb (Fig. 5) and from edge of door (Fig. 6).

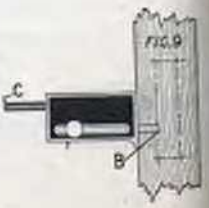
To Square for Mortise

On Rabbeted jamb place end of gauge against the rabbet or strike, and mark along edge of bottom (Fig. 8). On nailed-on jamb or strike or edges of door, place either one of the two Flanges against the edge and mark along bottom (Fig. 7).



To Gauge for Mortise for Lock or Lock Strike

Set Cutter B to mark distance from edge of door or casing to mortise. Set Cutter C for width of mortise (Fig. 9). The bar to which Cutter C is attached can be turned to give a wider gauging face if desired. The bevels of the Cutters allow for working either front or back.



STANLEY BUTT GAUGES

Directions for using these Gauges are given on opposite page.

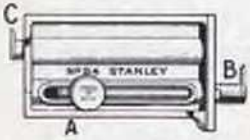
The letters indicating the use of the several cutters apply to all numbers of Stanley Butt Gauges.

RABBETED JAMBS OR NAILED STRIKES

For rabbeted jambs Cutter "A" marks from the jamb in the rabbet—Cutter "B" from the edge of the door engaged in closing—Cutter "C" the thickness of the butt.

For nailed on strikes Cutter "B" when reversed marks for the butt on both door and jamb—Cutter "C" the thickness of the butt.

It can also be used as a Marking and Mortise Gauge and as an inside or outside Square for squaring the edge of the butt on either door or jamb.



No.		Each
94	Nickel Plated, Graduated in 16ths of Inches for 2 Inches	1.65

FOR RABBETED JAMBS

Cutter "A" marks from the jamb in the rabbet—Cutter "B" from the edge of the door engaged in closing—Cutter "C" the thickness of the butt. It can also be used as a Marking and Mortise Gauge and as an inside or outside Square for squaring the edge of the butt on either door or jamb.

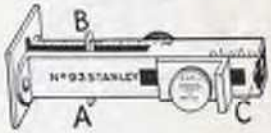
No.		Each
95	Nickel Plated, Graduated in 16ths of Inches for 2 Inches	1.50

RABBETED JAMBS OR NAILED STRIKES

For Rabbeted jambs Cutter "A" marks from the jamb in the rabbet—Cutter "B" from the edge of the door engaged in closing—Cutter "C" the thickness of the butt.

For nailed on strikes Cutter "B" marks for the butt on both door and jamb—Cutter "C" the thickness of the butt.

Can also be used as a Marking and Mortise Gauge.



No.		Each
93	Steel Head, Brass Slide, Nickel Plated, Graduated in 16ths of Inches for 2 Inches	1.50

FOR RABBETED JAMBS

Cutter "A" marks from the jamb in the rabbet—Cutter "B" from the edge of the door engaged in closing—Cutter "C" the thickness of the butt.

It can also be used as a Marking and Mortise Gauge.

The dotted line shows Gauge when set to be used as a Mortise Gauge.

No.		Each
92	Rosewood Head, Brass Slide, Screw Adjustment. Graduated in 16ths of Inches for 3 Inches	2.40

STANLEY METAL BAR GAUGES

These Gauges have steel bars, and the heads are either machined castings, or selected rosewood with brass face plates inserted. Two types of markers are used—one a pin point; the other a roller cutter which can be used close into rabbets or corners and which is recommended for working across the grain, over knots, etc. Some numbers combine both styles of markers by having one at each end of the bar. Where there is a marker at each end of the bar, the heads are double faced. The bars in those Gauges having a metal head can be set so that either a narrow or wide gauging surface is obtained. Where two cutters are fitted on one bar, there are graduations for each cutter.

All parts are finely finished, and the metal bars and heads are nickel plated.

The bars are 6½ inches long, graduated in sixteenths of an inch for five inches.

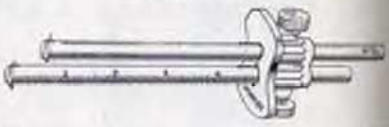
Marking—Nickel Plated
Single Bar

No.		Each
90	Metal Head, Pin Point	.70

97 Metal Head, Pin Point and Roller Cutter **1.05**

197 Rosewood Head, Pin Point and Roller Cutter **1.45**

Marking and Mortise—Nickel Plated
Double Bar



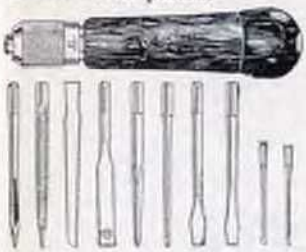
No.		Each
91	Metal Head, Pin Point	1.20

98 Metal Head, Pin Point and Roller Cutter **1.60**

198 Rosewood Head, Pin Point and Roller Cutter **2.00**

HOLLOW HANDLE TOOL SETS

The Screw Cap which covers the recess containing the tools has a steel strike plate. Jaws case hardened and held open by a spring. Chuck Body of large diameter. Shell extra heavy knurled and nickel plated.



10 tools are furnished: 1 each, Gimlet, File, Saw, Chisel, Reamer, Scratch Awl; 2 Brad Awls and 2 Screw Drivers. Made of steel, hardened, tempered and polished. Approximately 4 inches long.

An extra Saw 6¾ inches long is furnished if desired at .10 each.

No.		Each
300	Cocobolo Handle, 7⅛ in. long, 10 tools	3.75

Jaws are of Malleable Iron polished and case hardened.

Shell knurled and nickel plated.

10 tools are furnished: 1 each, Gimlet, Chisel, Reamer, Scratch Awl, Tack Puller, 2 Screw Drivers and 3 assorted Brad Awls, hardened and tempered and with polished shanks and points. Approximately 2½ inches long.

No.		Each
303	Cocobolo Handle, 5¾ in. long	2.20
304	Hardwood Handle, 5¾ in. long	1.20

Jaws are of Malleable Iron polished and case hardened. Shell knurled and nickel plated.

8 tools are furnished, 1 each: Gimlet, File, Saw, Chisel, Reamer, Screw Driver, and 2 Brad Awls. Made of special tool steel, hardened, tempered and polished. Approximately 4 inches long. An extra Saw 6¾ inches long is furnished if desired, at .10 each.

No.		Each
301	Cocobolo Handle, 7⅛ in. long	2.80
302	Hardwood Stained, 7⅛ in. long	2.55

The extra tools are placed in the Ferrule around the Socket in plain view for selection. Caps are Nickel Plated.

12 tools are furnished, 1 each: Chisel, Reamer, Scratch Awl, Screw Driver, Tack Puller, Belt Awl, and 6 Brad Awls assorted, hardened, tempered and the shanks and points are polished. Approximately 1⅝ inches long.

No.		Each
305	Cocobolo Handle, 4½ in. long	1.75
306	Hardwood Handle, 4½ in. long	1.50

STANLEY RATCHET BIT BRACE

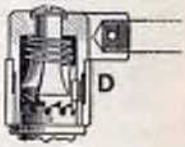
No. 810
Made in 3 sizes

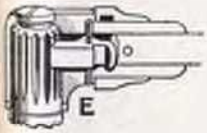
STANLEY BIT BRACES

Combinations of HEADS, RATCHETS and JAWS, with the trims and finishes make up the different numbers of Bit Braces described on pages immediately following.

The Heads are known as: METAL CLAD BALL BEARING HEAD, cut "A"; REGULAR BALL BEARING HEAD, cut "B"; PLAIN HEAD, cut "C".

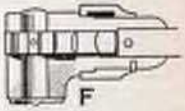
CONCEALED RATCHET—Cut "D"—in which the Ratchet is in alignment with the Bit. The Ratchet parts are entirely enclosed, keeping out moisture and dirt, and retaining lubrication. The two-piece Clutch is machined and hardened, is backed by a spring, insuring a secure lock. Never less than five teeth are in engagement.





BOX RATCHET—Cut "E"—in which the gear teeth are cut on an extra heavy spindle and encased so that the user's hands are protected from the teeth. The Pawls work at right angles to the line of the spindle.

OPEN RATCHET-Cut "F"—in which the gear is cut on a separate piece of steel and pinned to the spindle in assembly. The Ratchet mechanism is exposed.



BALL BEARING CHUCK—Cut "K"—of especial advantage in holding round shanks. The ball bearings enable the user to firmly fasten any kind of bit easier and quicker than is possible with the ordinary form of chuck.

UNIVERSAL JAWS—Cut "G"—for both wood and metal workers, hold round shank bits and drills from 1/4 inch to 1/2 inch, and taper shanks as large as No. 2 Clark Expansive Bit.

SPRING ALLIGATOR JAWS—Cut "I," which hold ordinary size taper shank bits, also small and medium size drills.

INTERLOCKING JAWS—Cut "H"—the best Jaw for taper shanks, which they hold up to No. 2 Clark's Expansive Bit, and are, therefore, particularly recommended for carpenters.

TWO-PIECE ALLIGATOR JAWS—Cut "J"—suitable for ordinary size taper shank bits.

STANLEY RATCHET BIT BRACES

NEW STYLE CONCEALED RATCHET

This is the finest and strongest Ratchet Bit Brace combining: durability, ease of handling and improved operation.

The Ratchet is of a new style of construction the operative parts of which are practically indestructible.

The jaws are machined and hardened to assure perfect centering of bits and drills and are of shorter length to prevent bending of ends.

The ball bearing chuck will hold round shank and taper end drills up to one-half inch.

Two sets of pawls give 16 divisions in one revolution of the pawl gear, preventing any back turning, and making a very sensitive and easy operating ratchet.

Pawl gear and pawls operate at right angles to the rotable thrust and insure great strength with no possibility of slipping.

Pawl operating springs are made of phosphor bronze.

Metal Clad Ball Bearing Head—Cocobolo Head and Handle—Nickel Plated.

No.		Each
810	10 inch sweep	8.00
	12 " "	8.20
	14 " "	8.40

CONCEALED RATCHET

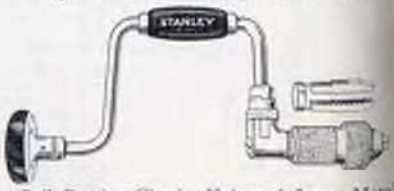
Ball Bearing Chuck—Universal Jaws—Metal Clad Ball Bearing Head—Cocobolo Head and Handle—Nickel Plated.

No.		Each
811	10 inch sweep	7.05
	12 " "	7.25
	14 " "	7.50

Extra Jaws .50 per pair

BOX RATCHET

These Braces are of the highest quality as regards workmanship and material.



Ball Bearing Chuck—Universal Jaws—Metal Clad Ball Bearing Head—Cocobolo Head and Handle—Nickel Plated.

No.		Each
813	8 inch sweep	6.05
	10 " "	6.15
	12 " "	6.35
	14 " "	6.65
	16 " "	7.00

Extra Jaws .50 per pair

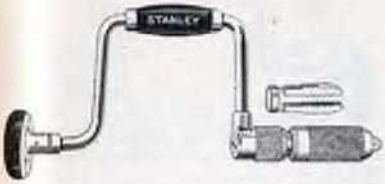
For Prices of Bit Brace Parts see page 181

STANLEY RATCHET BIT BRACES

These Braces are of the highest quality as regards workmanship and material.

The advantages of the Concealed Ratchet type of Ratchet mechanism is fully described on page 57. The jaws in all styles shown below are forged, machined and hardened

CONCEALED RATCHET



Nickel Plated, Universal Jaws, Metal Clad Ball Bearing Head, Cocobolo Head and Handle.

No.		Each
901	8 inch sweep	6.05
	10 " "	6.15
	12 " "	6.35
	14 " "	6.65

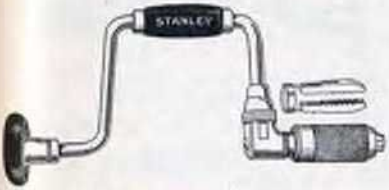
Extra Jaws .50 per pair

Nickel Plated, Alligator Jaws, Ball Bearing Head, Cocobolo Head and Handle.

No.		Each
921	8 inch sweep	5.15
	10 " "	5.25
	12 " "	5.40
	14 " "	5.70

Extra Jaws .50 per pair

BOX RATCHET



Nickel Plated, Universal Jaws, Ball Bearing Head, Cocobolo Head and Handle.

No.		Each
903	8 inch sweep	5.20
	10 " "	5.25
	12 " "	5.50
	14 " "	5.70

Extra Jaws .50 per pair

Aluminum Head and Handle give this brace great strength and wearing qualities. Nickel Plated, Universal Jaws, Ball Bearing Head.

No.		Each
903A	10 inch sweep	5.75
	12 " "	6.00

Extra Jaws .50 per pair

For Prices of Bit Brace Parts see page 181

STANLEY RATCHET BIT BRACES

These Braces are of the highest quality as regards workmanship and material. The Jaws are machined and hardened.

A detailed description of the various kinds of Ratchet Ends, Jaws and Heads, is clearly shown on page 57.

BOX RATCHET

Nickel Plated, Forged Alligator Jaws, Metal Clad Ball Bearing Head, Cocobolo Head and Handle.

No.		Each
913	8 Inch Sweep	4.90
	10 " "	5.00
	12 " "	5.20
	14 " "	5.50

Extra Jaws .50 per pair

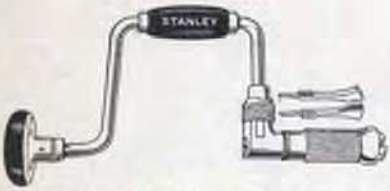
BOX RATCHET

Nickel Plated, Forged Alligator Jaws, Ball Bearing Head, Cocobolo Head and Handle.

No.		Each
923	6 Inch Sweep	4.70
	8 " "	4.70
	10 " "	4.80
	12 " "	4.95
	14 " "	5.25

Extra Jaws .50 per pair

BOX RATCHET



Nickel Plated, Forged Interlocking Jaws, Metal Clad Ball Bearing Head, Cocobolo Head and Handle.

No.		Each
919	6 Inch Sweep	5.00
	8 " "	5.00
	10 " "	5.05
	12 " "	5.35
	14 " "	5.50

Extra Jaws .50 per pair

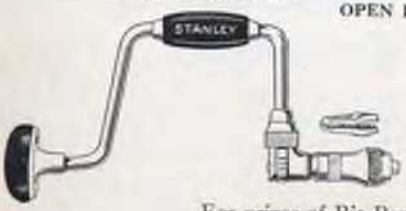
BOX RATCHET

Polished, Alligator Jaws, Metal Clad Head, Aluminum Head and Handle, Case Hardened Shell.

This construction renders it practically unbreakable.

No.		Each
929	6 Inch Sweep	4.75
	8 " "	4.75
	10 " "	4.80
	12 " "	5.00

OPEN RATCHET



Nickel Plated, Alligator Jaws, Metal Clad Head, Ebonized Head and Handle.

No.		Each
915	8 Inch Sweep	3.65
	10 " "	3.75
	12 " "	3.90

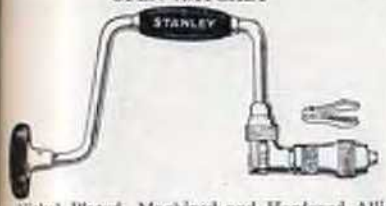
Extra Jaws .40 per pair

For prices of Bit Brace Parts see page 181

STANLEY RATCHET BIT BRACES

For a moderate priced Brace this line is recommended for working qualities, strength and general finish. A detailed description of the various kinds of Ratchet Ends, Jaws and Heads, is clearly shown on page 57.

OPEN RATCHET



Nickel Plated, Machined and Hardened Alligator Jaws, Hardwood Head and Handle.

No.		Each
965	8 Inch Sweep	2.95
	10 " "	3.00
	12 " "	3.05

Extra Jaws .30 per pair

OPEN RATCHET

Polished, Machined and Hardened Alligator Jaws, Hardwood Head and Handle.

No.		Each
955	8 Inch Sweep	2.60
	10 " "	2.65
	12 " "	2.70

Extra Jaws .30 per pair

OPEN RATCHET

Nickel Plated, Alligator Jaws, Hardwood Head and Handle.

No.		Each
968N	8 Inch Sweep	2.00
	10 " "	2.05
	12 " "	2.10

Extra Jaws .20 per pair

OPEN RATCHET

Polished, Alligator Jaws, Hardwood Head and Handle.

No.		Each
965	8 Inch Sweep	1.85
	10 " "	1.90
	12 " "	1.95

Extra Jaws .20 per pair

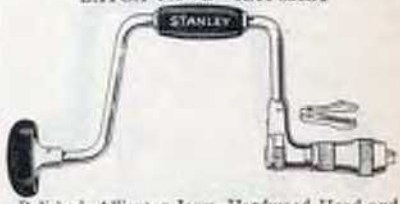
"LATCH PAWL" RATCHET

Nickel Plated, Alligator Jaws, Hardwood Head and Handle.

No.		Each
978N	10 Inch Sweep	1.95

Extra Jaws .20 per pair

"LATCH PAWL" RATCHET



Polished, Alligator Jaws, Hardwood Head and Handle.

No.		Each
975	8 Inch Sweep	1.75
	10 " "	1.80
	12 " "	1.85

Extra Jaws .20 per pair

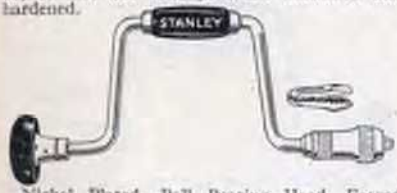
For Prices of Bit Brace Parts see page 181

STANLEY NON-RATCHET BIT BRACES

A detailed description of the various kinds of Ratchet Ends, Jaws and Heads, is clearly shown on page 57.

NON-RATCHET

These braces correspond in quality and finish with the line of Ratchet Braces shown on pages 58, 59 and 60. The jaws are machined and hardened.



Nickel Plated, Ball Bearing Head, Forged Alligator Jaws, Cocobolo Head and Handle.

No.		Each
924	6 Inch Sweep	3.55
	8 " "	3.55
	10 " "	3.65

Extra Jaws .50 per pair

Nickel Plated, Metal Clad Head, Alligator Jaws, Ebonized Head and Handle.

No.		Each
916	8 Inch Sweep	2.30
	10 " "	2.35
	12 " "	2.50

Extra Jaws .40 per pair

SPOFFORD

Black Finish, Nickel Trim, Cocobolo Head and Handle

No.		Each
108	8 Inch Sweep	4.15
110	10 " "	4.45
112	12 " "	4.75
114	14 " "	5.25

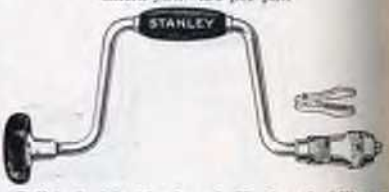
NON-RATCHET

These braces correspond in quality and finish with the line of Ratchet Braces shown on page 61.

Nickel Plated, Machined and Hardened Alligator Jaws, Hardwood Head and Handle.

No.		Each
946	8 Inch Sweep	1.90
	10 " "	1.95
	12 " "	2.00

Extra Jaws .30 per pair



Polished, Machined and Hardened Alligator Jaws, Hardwood Head and Handle.

No.		Each
956	8 Inch Sweep	1.50
	10 " "	1.55
	12 " "	1.60

Extra Jaws .30 per pair

ROLLED FINISH

Shell Polished, Alligator Jaws, Hardwood Head and Handle.

No.		Each
966	8 Inch Sweep	1.10
	10 " "	1.15
	12 " "	1.20

Extra Jaws .30 per pair

For Prices of Bit Brace Parts see page 181

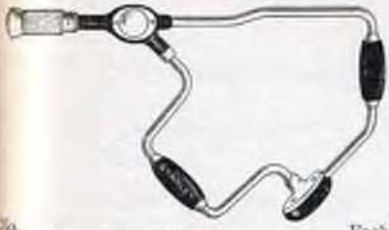
STANLEY CORNER BIT BRACES

For corner work, when using a bit of ordinary size, these braces will work much faster than a regular ratchet brace.

The gears are of bevel type, the teeth carefully cut, and the whole mechanism enclosed to protect same from dirt as well as to guard the user's hands.

The quill is fastened to the head by three screws, one of which goes through that part of the frame where it enters the head, securely fastening all three together.

These braces are made in two styles of chucks or jaws; otherwise are the same and of the following specifications: Nickel plated, metal clad head, cocobolo head and handles, jaws forged, machined and hardened, with springs for automatic release.



No.		Each
992	8 Inch Sweep Interlocking Jaws	7.35
	10 " " " "	8.10

Extra Jaws .50 per pair

No.		Each
993	8 Inch Sweep Universal Jaws	7.35
	10 " " " "	8.10

Extra Jaws .50 per pair

STANLEY CORNER RATCHET BIT BRACES

This style of Ratchet Bit Brace is designed particularly for Electricians, Plumbers and Gas Fitters, but many other Mechanics who have occasion to work close up into corners find it a very useful tool.

The knurled ring between the head and the ratchet mechanism, operated by the thumb and finger of the hand holding the head, is for the purpose of starting and holding the bit until it is far enough in the wood, so that it will not reverse when the handle is turned back.

The peculiar shape of the head enables the user to place the Brace close up to horizontal or perpendicular surfaces.

These Braces are made in two styles of chucks or jaws; otherwise, are the same and of the following specifications:

Nickel plated, ball bearing head, cocobolo head and handle, jaws forged, machined and hardened, with springs for automatic release.

No.		Each
982	Interlocking Jaws	4.60

Extra Jaws .50 per pair

No.		Each
984	Alligator Jaws	4.30

Extra Jaws .50 per pair

STANLEY EXTENSION BIT HOLDERS

These Tools extend the Bit, enabling the user to bore through walls, floors, etc., where the ordinary bit will not reach. They are so made that it is impossible for the bit to work loose and come out of the chuck while in use. All numbers can be quickly taken apart if necessary.

No. 180

Exceptionally strong tools. Shank and Socket are forged in one piece, hardened and tempered. Nut and knurled Wrench are case hardened. Sleeve is made from seamless steel tubing. Polished finish.

Will follow an 11/16 Inch Bit—Bit Capacity 1 Inch

No.		Each
180	12 in. long	**2.25**
	15 " "	**2.35**
	18 " "	**2.40**
	24 " "	**2.55**

SECTIONAL VIEW Nos. 3 AND 4

The jaws of Nos. 3 and 4 are of two piece construction, drop forged and tempered and are held in position by springs which permit the easy inserting or removal of the bit. All parts Nickel Plated except Jaws and anti-friction Ring, which are blued.

Will Follow Up an 11/16 inch Bit

No.		Each
3	12 inches long	**2.05**
	16 " "	**2.10**
	18 " "	**2.15**
	20 " "	**2.20**
	24 " "	**2.30**
	30 " "	**2.45**

Will Follow Up a 3/4 inch Bit

No.		Each
4	12 inches long	**2.25**
	16 " "	**2.30**
	20 " "	**2.40**
	24 " "	**2.50**

STANLEY BIT BRACE TOOLS

COUNTERSINKS FOR WOOD

These tools cut very rapidly and can be readily resharpened. The Depth Gauge is a very convenient attachment.

No.		Each
18	Malleable Iron, Nickel Plated	.40

20	Malleable Iron with Gauge, Nickel Plated	.50

23	Steel Forging, Blued Finish	.50

24	Steel Forging with Gauge, Blued Finish	.60

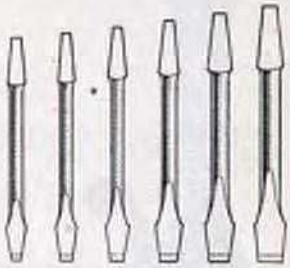
DOWEL SHARPENER

Has a keen cutting edge and can be readily resharpened.

No.		Each
22	Nickel Plated	.45

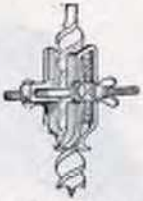
SCREW DRIVER BITS

These Bits are forged from crucible steel, oil tempered and polished.



No.		Each
26	1/8 in. Tip, 4 1/2 in. long	.20
	1/4 " " 4 1/2 " "	.25
	1/8 " " 4 3/4 " "	.25
	1/4 " " 5 " "	.25
	1/2 " " 5 " "	.25
	5/8 " " 5 " "	.30
	3/4 " " 5 " "	.35

STANLEY ADJUSTABLE BIT GAUGE



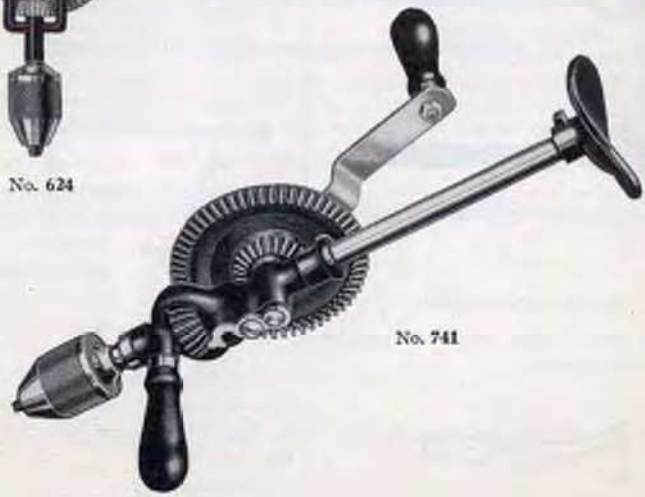
This Gauge can be attached to bits of any size up to one inch in diameter. Two projections engage with the twist of the bit, so that it can be accurately set for the bit to bore to any depth required. Stops on both sides of the bit insure it remaining upright when the desired depth is reached.

No.		Each
49	2 1/2 in. long, Nickel Plated	.90

STANLEY HAND DRILLS AND BREAST DRILLS

No. 624

No. 618



No. 741

STANLEY HAND DRILLS

This is a new line of Hand Drills, being of special design and having several important features not ordinarily found in tools of this description.

The Frames are of Malleable Iron or Steel. The Malleable Iron Frames have parallel sides, providing a handy means of attaching the Drill to a Drill Frame.

The Chucks are of steel and are fitted with hardened tool steel Jaws. They are securely locked on the spindle end, so are not likely to get mislaid or lost.

The Spindles are provided with a keyway, so that an ordinary nail can be used to prevent turning when inserting a drill in the Chuck.

All Gears are machine cut, the teeth being pitched so as to insure the Spindle running quietly and smoothly.

Special attention is called to the finish of all parts of these tools.

"PISTOL GRIP"
PARALLEL FRAME, SINGLE PINION

3¼ in. Speed Gear. Chuck takes drills up to ¼ in. diameter.

No. 610 — With 6 Drill Bits (1 Each: 1/16, 1/8, 3/16, 1/4, 5/16, 3/8) — Each 2.95

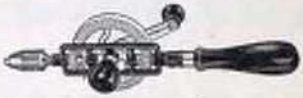
PARALLEL FRAME, SINGLE PINION

3¼ in. Speed Gear, Hardwood Handles stained red. Chuck takes drills up to ¼ in. diameter.

No. 613 — Each 2.50

PARALLEL FRAME, DOUBLE PINIONS

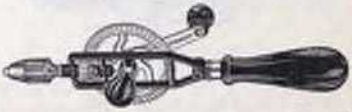
3¼ in. extra wide Flanged Speed Gear. Tropical Hardwood Handles and Side Knob. Chuck takes drills up to ¼ in. diameter.



No. 612 — Each 3.55

PARALLEL FRAME, SINGLE PINION

4 in. Speed Gear. Hardwood Handles and Side Knob stained red. Chuck takes drills up to ⅜ in. diameter.



No. 623 — Each 4.20

STANLEY HAND DRILLS

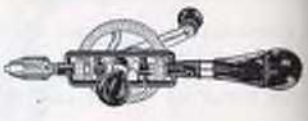
PARALLEL FRAME, SINGLE PINION

3¼ in. Speed Gear. Tropical Hardwood Handles and Side Knob. Chuck takes drills up to ¼ in. diameter.

No.		Each
611	With 8 Drill Bits (1 Each: 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 11/64)	**3.40**

PARALLEL FRAME, DOUBLE PINIONS

3¼ in. Speed Gear. Tropical Hardwood Handles and Side Knob. Chuck takes drills up to ¼ in. diameter.



No.		Each
614	With 8 Drill Bits (1 Each: 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 11/64)	**3.70**

PARALLEL FRAME, DOUBLE PINIONS

3¼ in. extra wide flanged Speed Gear. Tropical Hardwood Handles and Side Knob. Chuck takes drills up to ¼ in. diameter.

No.		Each
615	With 8 Drill Bits (1 Each: 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 11/64)	**3.90**

PARALLEL FRAME, DOUBLE PINIONS

4 in. Speed Gears. Tropical Hardwood Handles and Side Knob. Chuck takes drills up to ⅜ in. diameter.

No.		Each
624	With 8 Drill Bits (1 Each: 1/16, 3/32, 1/8, 5/32, 3/16, 7/32, 1/4, 11/64)	**5.10**

STANLEY HAND DRILLS

STEEL FRAME, DOUBLE PINIONS

3¼ in. extra wide flanged Speed Gear. Tropical Hardwood Handles and Side Knobs. Chuck takes drills up to ¼ in. diameter.

No. 617 — Each 3.55

STEEL FRAME, SINGLE PINION

3¼ in. Speed Gear. Hardwood Handles and Side Knobs. Chuck takes drills up to ¼ in. diameter.

No. 618 — Each 1.90

"VICTOR"
STEEL FRAME, SINGLE PINION

3¼ in. Speed Gear. Hardwood Handle. The chuck takes drills up to ¼ in. diameter.

No. 118 — Each 1.50

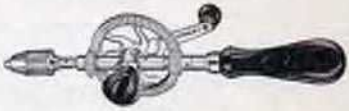
STEEL FRAME, DOUBLE PINIONS

3¼ in. Speed Gear. Tropical Hardwood Handle and Side Knob. Chuck takes drills up to ¼ in. diameter.

No. 616 — Each 3.00

STEEL FRAME, DOUBLE PINIONS

4 in. Speed Gear. Tropical Hardwood Handles and Side Knob. Chuck takes drills up to ⅜ in. diameter.



No. 626 — Each 3.85

STEEL FRAME, SINGLE PINION

3¼ in. Speed Gear. Hardwood Handles and Side Knobs. Chuck takes drills up to ¼ in. diameter.

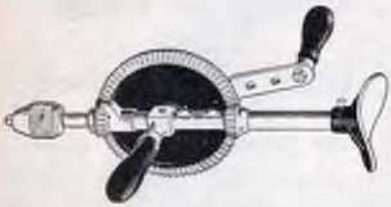
No. 619 — Each 2.50
With 8 Drill Bits
(1 Each: 1/16, 3/64, 3/16, 1/4, 5/16, 3/8, 5/16, 11/64)

PACKED 1 IN A BOX

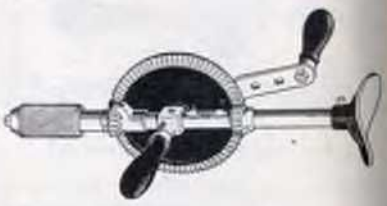
STANLEY BREAST DRILLS

All bright parts are nickel plated. Other parts are finished in black and orange. Handles are Cocobolo. A Level is set in the frame to assist the user to maintain a horizontal position of the drill while working. The Breast Plate is adjustable. The Handle can be set for three different sweeps. All Jaws are forgings, machined and hardened. The Breast Drills with 3 jaw chuck are particularly adapted for metal work.

STEEL FRAME, SINGLE SPEED



No.		Each
711	Fitted with Three Jaw Chuck, which will take round shank twist drills from ⅛ inch down	8.00

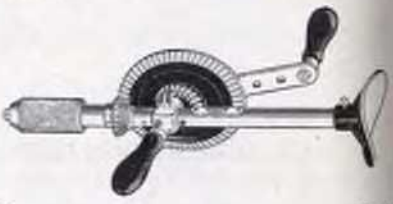


No.		Each
713	Fitted with Universal Jaws which are adapted for round shanks ⅛ in. to ½ in. diameter as well as taper shank bits	7.15

Extra Jaws .50 per pair

STEEL FRAME, DOUBLE SPEED

No.		Each
721	Three Jaw Chuck, which will take round shank twist drills from ⅛ in. down	7.65



No.		Each
723	Fitted with Universal Jaws which are adapted for round shanks ⅛ in. to ½ in. diameter, as well as taper shank bits	6.90

Extra Jaws .50 per pair

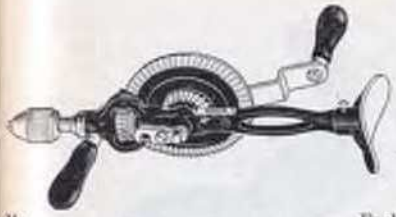
"D" OR SPADE HANDLES

All of the above Drills can be furnished with "D" Handles instead of Breast Plate without extra charge. Letter "D" added to number designates "D" Handle.

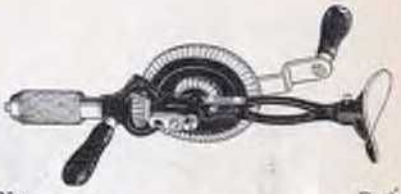
STANLEY BREAST DRILLS

The Frame is of one piece, made of malleable iron, giving strength with light weight. All bright parts are nickel plated, other parts are finished in black and orange. Handles are Cocobolo. A Level is set in the frame to assist the user to maintain a horizontal position of the drill while working. The Breast Plate is adjustable. The Handle can be set for three different sweeps. All Jaws are forgings, machined and hardened. The Breast Drills with 3 Jaw Chuck are particularly adapted for metal work.

IRON FRAME, DOUBLE SPEED



No. 731 — Fitted with Three Jaw Chuck, which will take round shank twist drills from ⅛ in. down — Each 6.50

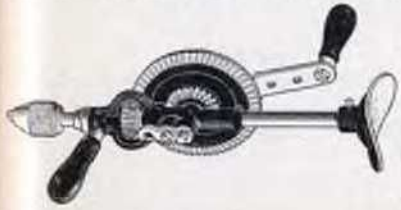


No. 733 — Fitted with Universal Jaws which are adapted for round shanks ⅛ in. to ½ in. diameter as well as taper shank bits — Each 5.75

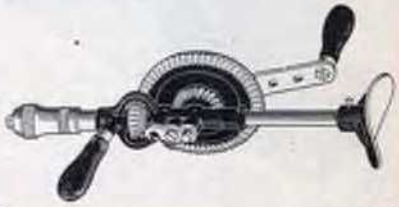
Extra Jaws .50 per pair

"VICTOR" BREAST DRILLS, DOUBLE SPEED

All bright parts are polished, other parts are finished in black and orange. The Handles are ebonized, the Breast Plate is adjustable. The Handle can be set for three different sweeps. All Jaws are forgings, machined and hardened. The Breast Drills with 3 Jaw Chuck are particularly adapted for metal work.



No. 741 — Fitted with Three Jaw Chuck, which will take round shank twist drills from ⅛ in. down — Each 5.45



No. 744 — Fitted with Alligator Jaws, which are adapted for small and medium round shanks as well as taper shank bits — Each 4.55

Extra Jaws .50 per pair

"D" OR SPADE HANDLES

All of the above Drills can be furnished with "D" Handles instead of Breast Plate without extra charge. Letter "D" added to number designates "D" Handle.

STANLEY "BAILEY" PLANES

"The Standa
Since 1869"

STANLEY BENCH PLANES

The Planes described on the pages immediately following, generally known as Bench Planes, are divided into four classes, namely *Smooth—Jack—Fore* and *Jointer*.

A SMOOTH PLANE is used for finishing or smoothing off flat surfaces. Where uneven spots are of slight area, its short length will permit it to locate these irregularities, leaving the work with a smooth surface when finished.

A JACK PLANE is used to true up the edges of a board in the rough and prepare it for the Fore or Jointer.

(Attention is called to No. 5¼ "Junior" Jack Plane, described on page 75. Its size makes it especially desirable for all work requiring a lighter Jack Plane than the No. 5 or 5½. Particularly well adapted for Manual Training Work.)

A FORE PLANE is simply a short Jointer, and being lighter, is preferred by some workmen to the longer Plane.

A JOINTER is a finishing Plane for large surfaces and is invariably used to true up the edges of boards so that they can be closely fitted or joined together.

The plate on the opposite page illustrates Stanley "Bailey," Plane No. 5. A complete description including sizes, prices, etc., of all three styles will be found on pages 74 to 81.

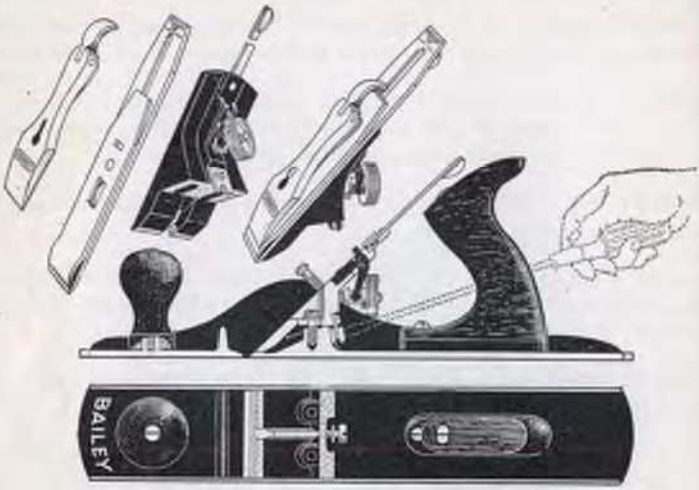
Particular attention is called to the Cutters, which are thin and of uniform thickness.

This permits: 1. Ease in grinding. 2. Less grinding as a thin cutter can be kept in condition by honing. 3. Less tendency to "stub off" the cutting edge when honing, hence the original bevel is kept much longer.

They are made of the highest grade steel obtainable, the cutting and wearing qualities being known the world over.

The adjustments of both Cutters and Frogs, while differing in detail are in each case the result of long years of study and provide a range of adjustment that will satisfy all requirements.

STANLEY "BAILEY" ADJUSTABLE IRON PLANES



STANLEY "BAILEY" IRON PLANES have been in use for nearly sixty years and are the recognized standard for planes of this type. While retaining all the original features, many valuable improvements in construction have been added from time to time. Only the finest materials and the best workmanship are used in their manufacture.

In the illustration the detail of construction is very clearly shown. Note that the frog has a support directly at the rear of the mouth, making practically one solid piece from the cap to the bottom. The sides and bottom of the plane are stiffened by means of the cross ribs. The screw bosses on each side of the center rib are very deep, allowing a number of threads to engage, thereby securely holding the frog. The design prevents the plane being drawn out of true when the face of the frog is screwed up hard.

The width of the mouth may be regulated and made wider or narrower as coarse or fine work may require. First remove the lever and cutter and loosen the two frog screws that fasten the frog to its seat. With a screw driver turn the center adjusting screw (see cut) to the right to close the mouth, and to the left to open it. When the frog is in the position desired, tighten the frog screws and replace the cutter and lever.

STANLEY "BAILEY" ADJUSTABLE IRON PLANES

These Planes have Cocobolo Handles and Knobs except 1, 1C, 2 and 2C, which are of Rosewood. The Cutters are adjustable endwise and sidewise.

SMOOTH BOTTOMS

No.		Each
1	Smooth, 5½ in. long, 1¾ in. Cutter	2.95
2	" 7 " " 1⅝ " "	3.75
3	" 8 " " 1¾ " "	3.90
4	" 9 " " 2 " "	4.20
	(Weight No. 4 Plane, 3½ lbs.)	
4½	Smooth, 10 in. long, 2⅜ in. Cutter	4.90

5	Jack, 14 in. long, 2 in. Cutter (Weight No. 5 Plane, 4½ lbs.)	4.80
5¼	"Junior" Jack, 11½ in. long, 1¾ in. Cutter	4.35
5½	Jack, 15 in. long, 2¼ in. Cutter	5.55

6	Fore, 18 in. long, 2⅜ in. Cutter (Weight No. 6 Plane, 6¼ lbs.)	6.25
7	Jointer, 22 in. long, 2⅜ in. Cutter	7.15
8	" 24 " " 2⅜ " "	8.50

CORRUGATED BOTTOMS

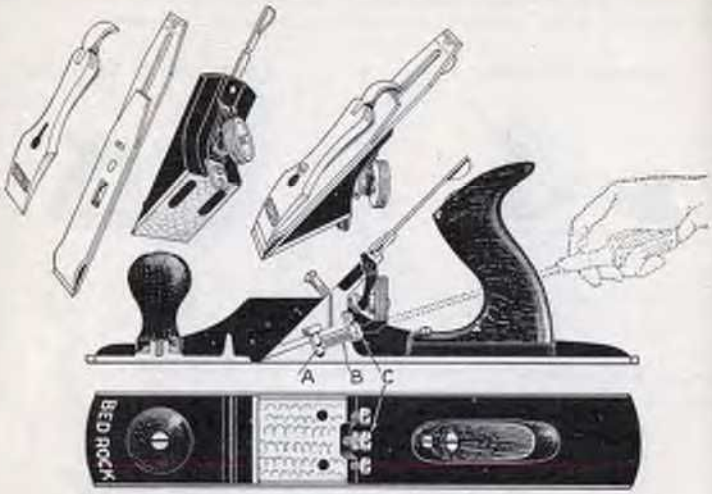
No.		Each
2C	Smooth, 7 in. long, 1⅝ in. Cutter	4.00
3C	" 8 " " 1¾ " "	4.15
4C	" 9 " " 2 " "	4.45
4½C	" 10 " " 2⅜ " "	4.90

5C	Jack, 14 in. long, 2 in. Cutter	5.05
5¼C	"Junior" Jack, 11½ in. long, 1¾ in. Cutter	4.60
5½C	Jack, 15 in. long, 2¼ in. Cutter	5.85

6C	Fore, 18 in. long, 2⅜ in. Cutter	6.55
7C	Jointer, 22 in. long, 2⅜ in. Cutter	7.45
8C	" 24 " " 2⅜ " "	8.95

For Prices of Plane Irons and Plane Parts see page 170

STANLEY "BED ROCK" ADJUSTABLE IRON PLANES



The "Bed Rock" Plane owing to its solidity and variety of adjustments makes an ideal tool for fine work on all woods.

The cutter, frog and bottom are so designed, machined and fitted that they are practically one solid piece of metal, thus preventing any chance of vibration.

Particular attention is called to the shape of the sides. This distinctive feature adds greatly to the strength of the plane as well as affording large bearing surfaces when the plane is used on its sides.

The frog may be adjusted either forward or backward without removing the lever and cutter; simply slacken the tension of the two frog clamping screws "B", and with a screw driver adjust the frog as desired by means of the frog adjusting screw "C" in the center, and then tighten the frog clamping screws. (See cut).

The frog is held to its seat by means of two pins "A" of large diameter. Each of these has a tapered hole near the lower end. The two frog clamping screws "B" have tapered points. These points fit in the holes in the pins "A." The center of the tapered hole in these pins is slightly above the center line of the frog clamping screws, so that when these screws are driven in, they produce the effect of a wedge, drawing the pins downward, and clamping the frog absolutely rigid in its place.

If, for any reason, these frog pins "A" should be taken out of the plane, care must be used in replacing them to see that the tapered holes come in line with the points of the frog clamping screws "B".

STANLEY "BED ROCK" ADJUSTABLE IRON PLANES

These Planes have Rosewood Handles and Knobs. The Cutters are adjustable endwise and sidewise.

SMOOTH BOTTOMS

No.						Each
602	Smooth, 7	in. long.	1⅝ in.	Cutter		4.15
603	" 8	" "	1¾ "	"		4.50
604	" 9	" "	2 "	"		4.65
604½	" 10	" "	2⅜ "	"		5.55

605	Jack, 14	in. long.	2	in. Cutter		5.35
605¼	" 11½	" "	1¾ "	"		4.80
605½	" 15	" "	2¼ "	"		6.10

606	Fore	18 in. long.	2⅜ in.	Cutter		6.85
607	Jointer, 22 in. long.		2⅜ in.	Cutter		7.80
608	" 24	" "	2⅜ "	"		9.30

CORRUGATED BOTTOMS

No.						Each
603C	Smooth, 8	in. long.	1¾ in.	Cutter		4.50
604C	" 9	" "	2 "	"		4.90
604½C	" 10	" "	2⅜ "	"		5.65

605C	Jack, 14	in. long.	2	in. Cutter		5.55
605½C	" 15	" "	2¼ "	"		6.45

606C	Fore,	18 in. long.	2⅜ in.	Cutter		7.20
607C	Jointer, 22 in. long.		2⅜ in.	Cutter		8.20
608C	" 24	" "	2⅜ "	"		9.75

For Prices of Plane Irons and Plane Parts see page 171

GAGE SELF-SETTING PLANES

Gage Self-Setting Planes do not chatter because the cutter iron is held rigid at the cutting edge by the cap; at the same time the lever screw used for tightening the cap is pressing against the binder plate on top of the cutter iron. This pressure against the binder plate holds the cutter firm its entire length.

The Self-Setting Features are:

First—The relation of the edge of the steel cap to the edge of the Iron is automatically adjusted when setting the Plane for fine or coarse work.

Second—The Plane Iron and Cap goes back in the same position after being removed for honing.

The Lever and Cap (A) is the same in Iron and Wood Planes. The upper part of the Lever has a hardened steel cap fastened to it by two screws, by means of which it may be adjusted to the cutting iron to make either a single or double plane iron, as desired, for various kinds of work.

A

B

The Plane Iron (B) consists of three pieces—the cutter, the adjustment slide fastened to the under side of the cutter (shown black), and the binder plate fastened above the cutter—all three being fastened by one screw.

The Adjustment Slide (C) is machined on its sides to accurately fit the groove machined in the frog and is also machined to fit the adjusting screw. This is the same in both Iron and Wood Planes.

The Frog (D)—In the iron plane the Frog is fitted to the plane bottom and then permanently attached by screw and pins. A continuous cutter seat is obtained clear to the plane mouth.

D

In the wood plane the Frog (E) is a part of an iron throat which fits into the plane wood and is there fastened by screws. This iron throat is adjustable as the plane bottom wears, thus eliminating any difficulty of the mouth (F) wearing large. The bottom of this throat is ground a little round and may be set slightly below the plane bottom, which enables the plane to cut very fast with a fine shaving.

There is an endwise screw adjustment to the cutter in both the Iron and Wood Planes.

F

E

GAGE SELF-SETTING IRON PLANES

The Self-Setting feature of these Planes is fully explained on the opposite page. The handles and knobs are made of Rosewood.

SMOOTH BOTTOMS

No.	Each
G3 Smooth 8¾ inches long, 1¾ inch Cutter	4.05
G4 Smooth 9 inches long, 2 inch Cutter	4.45

G5 Jack 14 inches long, 2 inch Cutter 5.10

G6 Fore 18 inches long, 2¼ inch Cutter	6.55
G7 Jointer 22 inches long, 2½ inch Cutter	7.45

CORRUGATED BOTTOMS

No.	Each
G3C Smooth 8¾ inches long, 1¾ inch Cutter	4.30
G4C Smooth 9 inches long, 2 inch Cutter	4.65

G5C Jack 15 inches long, 2 inch Cutter 5.35

G6C Fore 18 inches long, 2¼ inch Cutter	6.85
G7C Jointer 22 inches long, 2½ inch Cutter	7.80

For prices of Plane Irons and Plane Parts see page 172

STANLEY "BAILEY" AND GAGE WOOD PLANES

Every Carpenter needs two or more wood planes in his kit, for rough outside work. Both the Stanley "Bailey" and the Gage Self-Setting Planes supply the demand for a wood plane of superior quality.

The bottoms are made from selected, well seasoned Beech.

STANLEY "BAILEY"

Cutters adjustable endwise and sidewise. The Frog is held in place by two machine screws which pass through the top iron and screw into brass lugs. These lugs are screwed and securely pinned into the wood bottom. Handles and Knobs of Beech.

No.		Each
22	Smooth 8 in. long, 1¾ in. Cutter	3.30
24	" 9 " " 2 " "	3.55

No.		Each
35	Handled Smooth, 9 in. long, 2 in. Cutter	4.15
36	Handled Smooth, 10 in. long, 2⅜ in. Cutter	4.65

No.		Each
26	Jack 15 in. long, 2 in. Cutter	3.60
27½	Jack 15 " " 2⅜ " "	4.20
28	Fore 18 " " 2½ " "	4.60
31	Jointer 24 in. long, 2⅝ in. Cutter	4.95
32	" 26 " " 2⅝ " "	5.35

GAGE SELF-SETTING

The Self-Setting feature of these planes is fully explained on page 78.

Handles and Knobs stained black.

No.		Each
G22	Smooth 10 in. long, 1¾ in. Cutter	4.35
G35	" 10 " " 2 " "	4.75

No.		Each
G26	Jack 14 in. long, 2 in. Cutter	5.20

No.		Each
G28	Fore 10 in. long, 2¾ in. Cutter	5.85
G30	Jointer 22 in. long, 2⅝ in. Cutter	6.25

For prices of Plane Irons and Plane Parts see pages 172 and 173

STANLEY ALUMINUM BENCH PLANES

The Aluminum Planes shown below are of the same general design and construction as the regular line of Stanley "Bailey" Planes described on pages 73, 74 and 75.

This includes the well known Bailey adjustments of both frogs and cutters. The bottoms and frogs, however, are made of Aluminum, which provides a tool that is highly recommended on account of its light weight and the fact that it will not rust.

The handles and knobs are made of Rosewood.

No.		Each
A4	Smooth, 9 in. long, 2 in. Cutter, Weight 2¼ lbs.	**5.65**

No.		Each
A5	Jack, 14 in. long, 2 in. Cutter, Weight 2⅝ lbs.	**6.45**

No.		Each
A6	Fore, 18 in. long, 2⅜ in. Cutter, Weight 3½ lbs.	**8.65**

For prices of Plane Irons and Plane Parts see page 170

STANLEY STEEL BENCH PLANES

These Steel Planes of the regular Stanley "Bailey" type of bench planes have a malleable iron frog and lever cap and a steel base. These combined features render the planes practically indestructible and give them an entirely new appearance. Knobs and handles are of selected Rosewood.

No.		Each
84	Steel Smooth, 9 in. long, 2-in. Cutter	4.75

No.		Each
85	Steel Jack, 14 in. long, 2-in. Cutter	5.40

STANLEY READY EDGE BLADES

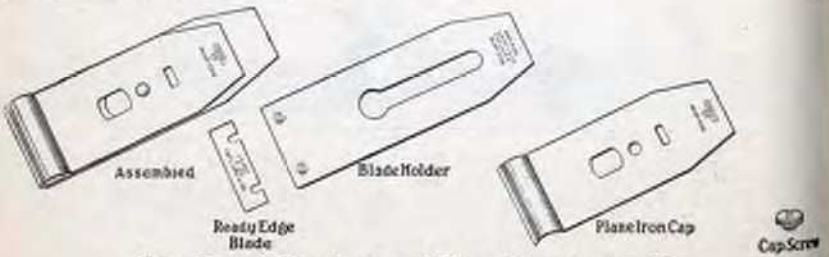
Ready Edge Blade and Double Iron in Position

Stanley Ready Edge blades are attached by screws to specially constructed blade holders. A plane iron cap of special design fits over this and is held in place by a cap screw.

These blades assure a sharp cutting edge. Whenever an old blade becomes dull a new one can be quickly substituted.

Stanley Ready Edge blades are furnished with double Plane Irons in the 1¾, 2 and 2⅜ inch sizes for use on the regular Stanley "Bailey", "Bed Rock" and Aluminum Planes.

No.		Each
295	One Special Plane Iron with six Ready Edge Blades	2.00
296	Extra blades. Package of five	.80



For prices of Plane Irons and Plane Parts see page 170

STANLEY PLANES

CIRCULAR PLANES

These Planes have flexible steel faces which can be accurately adjusted for planing the inside or outside of circles. The cutters are adjustable endwise and sidewise. There are two designs, varying in the method of adjusting the face.

In the No. 113 the face is fastened at its center to the Plane Body, and adjusted at the ends by means of a screw and levers. It has a graduated scale for setting the face.

No.		Each
113	10 inches long, 1¾ inch Cutter, Japanned	7.15

In the No. 20 the face is fastened at each end to the Body, and adjusted by a screw at the center. This gives great strength and accuracy.

The design of the frame provides convenient and firm handles for both hands.

No.		Each
20	10 inches long, 1¾ inch Cutter, Japanned	8.95

CARRIAGE MAKERS RABBET PLANES

Especially adapted for heavy framing required in mining work, for carriage or wagon building, or in any work of a similar nature. The Cutters are adjustable endwise and sidewise. In the No. 10¼ Plane both the handle and knob can be tilted to either side and held by a set screw. This permits of the Plane being worked with ease close up to perpendicular sides of any height without hurting the hands of the user. It is also fitted with spurs on both sides, so that it will rabbet across the grain equally as well as with it.

No.		Each
10½	9 inches long, 2⅛ inch Cutter	5.20
10	13 " " 2⅛ " "	6.25

No.		Each
10¼	13 inches long, 2⅛ inch Cutter	7.45

SCRUB PLANES

For planing down to a rough dimension any board that is too wide to conveniently rip with a hand saw, an operation that is sometimes called "hogging." This is made possible by reason of the shape of the extra heavy cutter, the cutting edge of which is round instead of square. Handle and Knob of Beech.

No.		Each
60	9½ inches long, 1¾ inch Cutter, Japanned	2.35
60½	10½ inches long, 1½ inch Cutter, Japanned	3.65

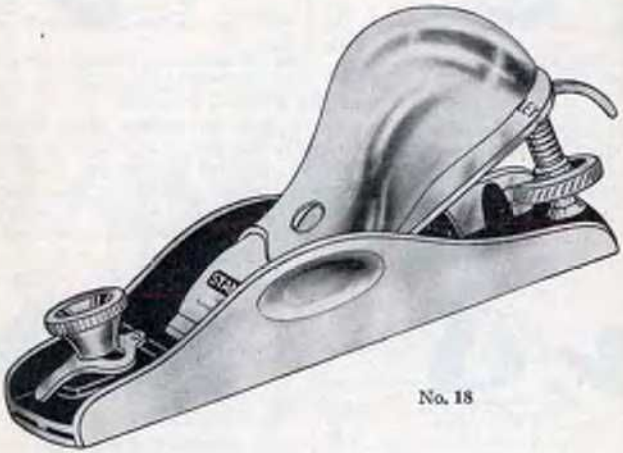
BELT MAKERS PLANE

For chamfering down the ends or laps of a belt before fastening them together. Used by belt manufacturers, also a valuable tool for all users of belting, enabling them to make repairs that otherwise would require that the belt be sent to the makers. Fitted with an adjustable throat. The cutter is adjustable endwise. Hardwood Handle.

No.		Each
11	5⅜ inches long, 2⅜ inch Cutter, Japanned	4.20

For prices of Plane Irons and Plane Parts see page 177

STANLEY BLOCK PLANES



No. 18

STANLEY AND "BAILEY" BLOCK PLANES

A Block Plane was first made to meet the demand for a Plane which could be easily held in one hand while planing across the grain, particularly the ends of boards, etc. This latter work many Carpenters call "Blocking in", hence the name "Block" Plane.

The Cutter rests on its seat at an angle of 20 degrees as against 45 degrees in the ordinary Bench Plane, and the cutter bevel is made on the upper instead of on the lower side.

To meet a demand for Block Planes having the cutters lying at a still lower angle than 20 degrees, a line of low Angle Planes are offered. In these the cutter rests on its seat at an angle of only 12 degrees, permitting of great ease in working across the grain on hard wood.

Those planes having adjustable throat are especially recommended, as this feature allows the mouth to be easily and quickly opened or closed as coarse or fine work may require.

The "Hand-y" feature on the sides will also be found of benefit as they form a convenient grip for the hand and give a feeling of security to the workman.

On the following pages will be found a number of different styles, varying as to size, method of adjustment and trim.

SKEW CUTTERS

When the cutter is set on a skew or angle with the bottom of the Plane as in Planes Nos. 39-46-95-140-196 and 289, the shaving or drawing cut necessary in working across the grain is obtained while still using the plane straight with the work.

This cut is less liable to break the fibre than a straight cut and leaves the work in better condition.

STANLEY "BAILEY" BLOCK PLANES

The cutters are adjustable endwise and sidewise and rest on their seats at an angle of 20 degrees. The Throats are adjustable for coarse or fine work. Fitted with "Hand-y" feature.

JAPANNED TRIMMINGS

No.		Each
9½	6 inches long, 1⅝ inch Cutter	2.20
15	7 " " 1⅝ " "	2.35

Handled

These Planes have an iron handle with rosewood knob extending from the rear making it convenient to work the plane with both hands.

No.		Each
9¾	6 inches long, 1⅝ inch Cutter	2.65
15½	7 " " 1⅝ "	2.85

STEEL

Similar in design to the regular No. 18 Block Plane, but the bottom and Adjustable Front are made of steel, making the plane practically indestructible.

No.		Each
S18	6 inches long, 1⅝ inch Cutter Weight 1⅜ lbs.	3.45

NICKEL TRIMMINGS

No.		Each
16	6 inches long, 1⅝ inch Cutter	2.50
17	7 " " 1⅝ " "	2.70

Knuckle Joint Lever

Fitted with a new and patented form of lever or cap called "knuckle joint," which, being entirely of steel, is practically indestructible.

No.		Each
18	6 inches long, 1⅝ inch Cutter Weight 1⅝ lbs.	2.85
19	7 inches long, 1⅝ inch Cutter	3.10

ALUMINUM

Similar in construction to the regular No. 18 Block Plane, but the Bottom and Adjustable Front are made of Aluminum, making it extremely light in weight and rust proof.

No.		Each
A18	6 inches long, 1⅝ inch Cutter Weight ⅞ lbs.	3.45

For prices of Plane Irons and Plane Parts see page 174

STANLEY LOW ANGLE BLOCK PLANES

The cutters are adjustable endwise by means of the adjusting wheel at the rear of the plane. In these planes the cutter rests on its seat at an angle of only 12 degrees, which permits of great ease in working across the grain on hard woods. All numbers except No. 62 and No. 164, have the "Hand-y" feature.

ADJUSTABLE THROAT
Nickel Trimming

No.		Each
60	6 inches long, 1⅝ inch Cutter	2.55

ADJUSTABLE THROAT
Knuckle Joint Lever

No.		Each
65	7 inches long, 1⅝ inch Cutter Nickel Trimming	3.00

ADJUSTABLE THROAT

No.		Each
60½	6 inches long, 1⅝ inch Cutter Japanned Trimming	2.35
65½	7 inches long, 1⅝ inch Cutter Japanned Trimming	2.50

NON-ADJUSTABLE THROAT

No.		Each
61	6 inches long, 1⅝ inch Cutter Nickel Trimming with Rosewood Knob	2.25
63	7 inches long, 1⅝ inch Cutter Nickel Trimming with Rosewood Knob	2.65

ADJUSTABLE THROAT

Especially adapted for use in cutting across the grain on heavy work, where more power is required than can be obtained by the use of the ordinary Block Plane. It is fitted with a Rosewood Handle and Knob, and is designed to be operated with both hands. No. 164 has an overhead adjustment. It is short in length, making it an ideal plane for working into small places.

No.		Each
62	14 inches long, 2 inch Cutter, Black Nickel Trimming	5.40

No.		Each
164	9 inches long, 2 inch Cutter,	4.90

For prices of Plane Irons and Plane Parts see page 174

STANLEY BLOCK PLANES

For those desiring a plane for ordinary work that does not require that the tool be frequently adjusted, we strongly recommend this line.

ADJUSTABLE

No. 103 is for light work. The cutter is adjustable endwise. The bottom is ground true and the sides neatly japanned.

No.		Each
103	5½ inches long, 1⅝ inch Cutter, Lever Adjustment	**1.15**

No. 120 is similar in design to the No. 103, having the same form of cutter adjustment and cutter fastening device. However, in this plane the sides are ground.

No.		Each
120	7 inches long, 1⅝ inch Cutter, Lever Adjustment. Rosewood Knob	**1.60**

No. 220 is in many ways better adapted for average use than any of the cheaper block planes made. It is ground on both bottom and sides. The cutter is fastened by a lever and cam, and is adjustable endwise.

No.		Each
220	7 inches long, 1⅝ inch Cutter, Screw Adjustment. Rosewood Knob	**1.65**

NON-ADJUSTABLE

Nos. 100 and 101 are very handy little planes for household use and many mechanics carry one in their kits for odds and ends of light work. No. 100 has an iron handle.

No. 100

No. 101

No.		Each
100	3½ inches long, 1 inch Cutter, Handled	**.55**
101	3½ " " 1 " "	**.45**

No. 102 is a light, serviceable plane, 5½ inches long. The bottom is ground and the sides japanned.

No.		Each
102	5½ inches long, 1⅝ inch Cutter	**.89**

No. 110 is the most popular of all the non-adjustable block planes. Both the bottoms and sides are ground and in place of the boss on the front for a finger rest, it has a rosewood knob.

No.		Each
110	7 inches long, 1⅝ inch Cutter	**1.15**

For prices of Plane Irons and Plane Parts see page 174

STANLEY BLOCK PLANES

BLOCK AND RABBET

A detachable slide will easily change it from a block plane to a rabbet plane, and vice-versa. The cutter is adjustable endwise, and set on a skew. (See page 85.)

No.		Each
140	7 inches long, 1¾ inch Cutter, Japanned Trimming, Rosewood Knob	2.95

DOUBLE END ADJUSTABLE

A combination block and bull nose plane. It has two slots and a movable cutter seat. Use center cutter seat and slot for ordinary block plane work. For use as a bull nose plane, reverse the cutter seat by throwing over the adjusting wheel. It is fitted with the "Hand-y" feature, and the cutter is adjustable endwise.

No.		Each
131	8 inches long, 1⅝ inch Cutter, Japanned Trimming, Rosewood Knob	2.70

ADJUSTABLE BLOCK

Designed especially for manual training use. It is fitted with the "Hand-y" feature. The cutter is secured in its place by a lever fastened with a cam. Cutter adjustable endwise.

No.		Each
203	5½ inches long, 1⅝ inch Cutter, Rosewood Knob	1.45

EDGE TRIMMING BLOCK

For trimming or smoothing the edge of boards for a square or close fit. The cutter works on a skew (see page 85). Wood blocks of various bevels may be attached, enabling the user to make a slanting cut.

No.		Each
95	6 inches long, ⅞ inch Cutter, Japanned	1.80

DOUBLE END NON-ADJUSTABLE

It has two slots and two cutter seats. The center seat and slot to be used for ordinary block plane work, the other slot and seat for use when it is desired to work same as a bull nose plane.

No.		Each
130	8 inches long, 1⅝ inch Cutter, Hardwood Knob	1.65

BULL NOSE RABBET

This plane will be found very useful for working close up into corners or other difficult places. The mouth can be adjusted for different widths by means of the set screw on top of the plane.

No.		Each
75	4 inches long, 1 inch Cutter, Japanned	.70

For Prices of Plane Irons and Plane Parts see pages 174 and 175

STANLEY WEATHER STRIP PLANES

Especially designed for installing metal weather stripping.

WEATHER STRIP RABBET PLANE

For cutting rabbets on the "meeting" rail of the sash for the weather stripping to fit into. It can also be used for all kinds of rabbet work within its limits.

Two regular Depth Gauges are furnished, also a wide face Depth Gauge which can be used on both sides of the plane for cutters wider than ¾ inches. Fitted with an adjustable Fence with stop collars.

Furnished with one cutter 11/16 inch wide. Wider Cutters—¾, 13/16, ⅞ and 1 inch can be furnished for 50 cents each.

No.		Each
378	8 inches long	3.65

WEATHER STRIP PLOW PLANE

Used to cut the grooves in window sash for weather stripping to fit into. It is also adapted for all kinds of plow work within its limits.

Fitted with a Depth Gauge and an adjustable Fence. Seven different widths of cutters are furnished—⅛, 3/32, 3/16, 7/32, ¼, 5/16 and ⅜ inches.

No.		Each
238	7½ in. long	7.00

OTHER WEATHER STRIP TOOLS

For your convenience we list the names and numbers of the other Stanley Tools adapted for Weather Strip Work.

Stanley "Bailey" Planes—Nos. 4 and 5.
Side Rabbet Plane—No. 79.
Chisels, Pocket—No. 40, ⅜, ⅝ and 1 inch.
Chisel, Butt—No. 50, 1½ inch.
Hammer—No. 12, 7 oz.
Scratch Awl—No. 7.
Awl Haft—No. X6.
Screw Driver—Nos. 50 or 1003, 4 inches or larger.
Nail Sets—No. 11.
Center Punch—No. 10.
Woodworker Vise—No. 700.
Zig Zag Rule—No. 106, 6 ft.
One Foot Rule—No. 34½.
Butt Gauge—No. 95.

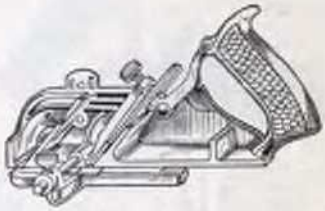
STANLEY RABBET AND FILLETSTER PLANES

DUPLEX RABBET AND FILLETSTER PLANES

They have two seats for the cutter, one for regular and the other for bull-nose work. Also a spur and a removable depth gauge. The adjustable fence can be used on either side of the Plane and slides under the bottom for regulating the width of the cut. The rear cutter is adjustable endwise.

No. A78 is the same in every respect as the No. 78 except that the body and fence are made of aluminum, making it considerably lighter in weight and rust proof.

No. 78 8½ in. long, 1½ in. Cutter, Wgt. 2¾ lbs. Each 3.65



No. A78 8½ in. long, 1½ in. Cutter, Wgt. 1¾ lbs. Each 4.05

SKEW CUTTER RABBET AND FILLETSTER PLANE

It has an extra wide skew cutter described on page 85, and an adjustable spur on each side. Can be used either right or left hand. The fence and depth gauge can be attached to either side; the fence sliding under the bottom. Remove arms and fence, and a Skew Cutter Rabbet Plane is obtained.

No. 289 8½ inches long, 1¾ inch Cutter Each 3.70

RABBET AND FILLETSTER PLANE

This plane will lie perfectly flat on either side to work either right or left hand and has an adjustable fence for regulating the width of the cut. It is fitted with two spurs and an adjustable depth gauge. The front of the plane can be detached for bull-nose work. The cutter is adjustable endwise.

No. 278 6¾ inches long, 1 inch Cutter Each 3.65

For Prices of Plane Irons and Plane Parts see page 175

STANLEY RABBET AND DADO PLANES

HANDLED IRON RABBET PLANES

These planes will lie flat on either side and can be used with right or left hand while planing into corners or up against perpendicular surfaces.

They are fitted with a spur and a detachable depth gauge.

No.				Each
190	8 inches long,	1½	inch Cutter	**2.85**
191	" "	1¼	" "	**2.70**
192	" "	1	" "	**2.55**

HANDLED IRON DADO PLANES

They will keep true even in the narrowest widths. They have skew cutters (see page 85), an adjustable depth gauge, and two adjustable spurs.

In ordering, always give the number (39) and width of cutter desired.

No.				Each
39	8 inches long,	¼	inch Cutter	**2.85**
	8 " "	5/16	" "	**3.00**
	8 " "	⅜	" "	**3.25**
	8 " "	7/16	" "	**3.40**
	8 " "	½	" "	**3.55**
	8 " "	9/16	" "	**3.75**
	8 " "	⅝	" "	**3.75**
	8 " "	1	" "	**3.90**

CORNER ROUNDING PLANE

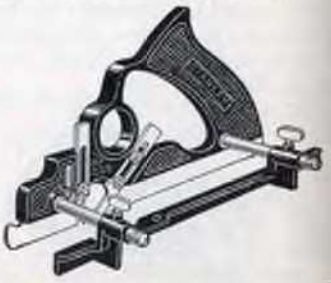
This plane is designed for rounding corners on wall board battens, casings, shelving, etc.

It is made in three sizes, to cut ¼ inch, ⅜ inch and ½ inch circles. The cutters are sharpened ready for use.

No.				Each
144	7½ inches long,	¼	inch Cutter	**1.60**
	7½ " "	⅜	" "	**1.60**
	7½ " "	½	" "	**1.60**

SPECIAL DADO PLANE

For blind wire grooving as well as for many other purposes. Fitted with a double spur, which prevents splintering, and a depth gauge, allowing a groove to be cut up to the limit of the plane—½ of an inch. The fence is adjustable.



No.				Each
239	7½ inches long,	¼	inch Cutter	**5.05**
	7½ " "	5/32	" "	**5.20**
	7½ " "	3/16	" "	**5.20**

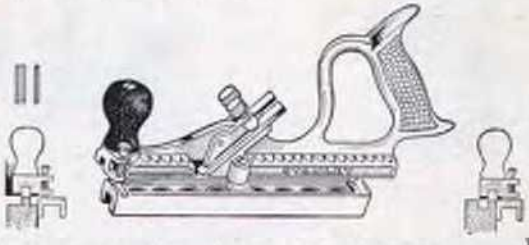
For Prices of Plane Irons and Plane Parts see page 175

STANLEY MATCHING PLANES

These planes cut a tongue on the edge of one board to fit a groove in the edge of another so that when put together the surfaces of the boards come true. The straightness of both tongue and groove, and their distance from the surface, is governed by a fence. This fence is so designed that the distance of the groove from the side the fence engages is practically the same as the width of the groove.

SWINGING FENCE MATCH PLANES

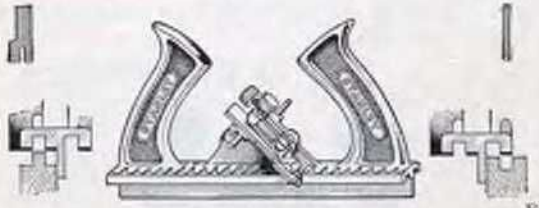
This form has two plow cutters of the same width, and one extra wide cutter. The fence in one setting exposes two cutters for cutting the tongue, and when reversed, leaves only one exposed for cutting the groove. On thicker boards than the plane works on center, the extra wide cutter is substituted for groove cutter when cutting tongue. Nickel plated. Rosewood knob.



No.					Each
48	Cuts 1/16 Groove, on boards	3/4 in. to 1 1/4 in.	Centers on	7/8 in.	5.10
49	" 1/8 " " "	1/2 " " 3/4 "	" "	1/2 "	5.10

DOUBLE END MATCH PLANES

These planes have two separate cutters, a plow, and a tongue tool, both governed by one permanent fence. The tongue tool has one edge wider than the other, which overhangs one side when tonguing on center. Both tongue and groove are cut by working the tool in the same direction, by merely reversing it end for end. Nickel plated. Iron handles cast with the body.



No.					Each
146	Cuts 1/8 Groove, on boards	3/8 in. to	1/2 in.	Centers on 3/8 in.	3.90
147	" 5/16 " " "	1/2 " "	3/4 "	" " 3/8 "	4.15
148	" 1/4 " " "	3/4 " "	1 "	" " 3/8 "	4.35

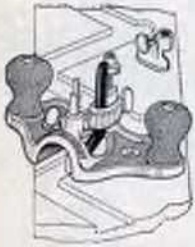
For Prices of Plane Irons and Plane Parts see page 175

STANLEY ROUTER PLANES

These Planes are for surfacing the bottom of grooves or other depressions parallel with the general surface of the work. The bottoms are designed so that an extra wooden bottom of any size desired can be screwed on, enabling the user to router on large openings.

OPEN THROAT

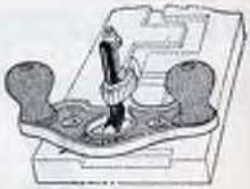
Cutters are adjustable and can be held on the front of the cutter post for regular work, or on the back for bull-nose work. An attachment for closing the throat, for use on narrow surfaces and regulating depth of cut, is furnished.



No.		Each
71	7½ inches long, Nickel Plated, Maple Knobs, with a ¼ and ½ inch Cutter and a patented smoothing cutter	3.90

CLOSED THROAT

Cutters are adjustable and can be held on the front of the cutter post for regular work or on the back for bull-nose work.



No.		Each
71½	7½ inches long, Nickel Plated, Maple Knobs, with a ¾ and ½ inch Cutter and a patented smoothing cutter	3.10

ROUTER PLANE WITH FENCE

This Plane will make mortises for butts, face plates, strike plates, escutcheons, etc., up to a depth of 5/16 and a width of 3 inches. Its original feature is the method of mounting the cutter, which can be instantly set to work from either end of the Plane or across it. In addition, the cutter is cushioned by a spring which prevents taking a heavier chip than can be easily carried. A fence regulates the position of the cut and insures the sides of the cut being parallel. The depth of the cut is governed by a positive stop.

An extra wooden bottom of any size desired can be screwed on, enabling the user to router on large openings.

No.		Each
171	11 inches long, Japanned, Rosewood Handles, with three forged steel Cutters 3/8, 5/8 and 7/8 inch wide	5.70

For Prices of Plane Irons and Plane Parts see page 175

STANLEY MISCELLANEOUS PLANES

ROUTER PLANE

Because of its small size it is useful on very narrow work for Pattern and Cabinet Makers; also Carpenters in letting in lock plates, etc. It is so constructed that either a closed throat for regular work or open throat for bull nose work, can be had. By reversing cutter it can be used as a depth gauge.

No.		Each
71	3 inches long, Nickel Plated, ¼ inch cutter. Case hardened Thumb Screw	.70

CABINET MAKERS RABBET PLANES

For fine cabinet or other work where extreme accuracy is required. Both sides of these planes are square with the bottom, and sides and bottoms are machine ground.

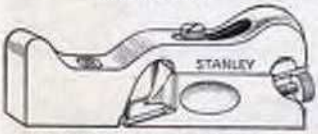
They will lie perfectly flat on either side and can be worked either right or left hand.

The width of the throat opening or mouth is adjustable so that it can be widened or narrowed as coarse or fine work may require. Cutters are adjustable endwise. By removing the front a chisel plane is obtained.

They have the "Hand-y" feature.

Plane No. 90 is of the bull nose pattern so that it can be used close up into corners or other difficult places.

No.		Each
90	4 inches long, 1 inch Cutter, Nickel Plated	3.90



92	5½ inches long, ¾ inch Cutter, Nickel Plated	3.90
93	6½ inches long, 1 inch Cutter, Nickel Plated	4.65
94	7½ inches long, 1¼ inch Cutter, Nickel Plated	5.35

SIDE RABBET PLANES

Made in two styles, No. 98 for right hand work and No. 99 for left hand work.

These will be found to be very convenient for side-rabbeting in trimming dados, mouldings and grooves of all sorts. A reversible nose-piece gives the tool a form whereby it will work close up into corners when required. Fitted with depth gauge. Rosewood knobs. Nickel plated.

Right Hand

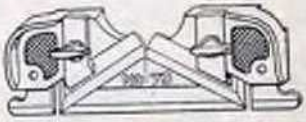
No.		Each
98	4 inches long, ½ inch Cutter, Nickel plated, Rosewood knob	2.10

Left Hand

99	4 inches long, ½ inch Cutter, Nickel plated, Rosewood knob	2.10

SIDE RABBET PLANE

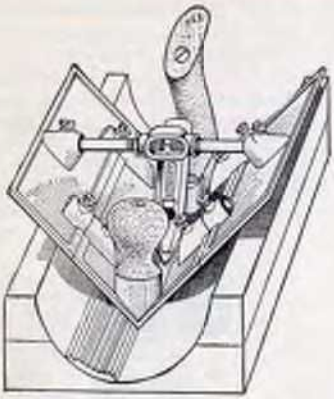
A convenient plane for side rabbeting, in trimming dados, mouldings and grooves of all sorts. A reversible nose piece allows it to be worked up into close corners when required.

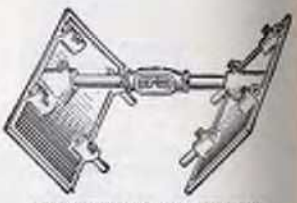


No.		Each
79	5½ inches long, ½ inch Cutters, Nickel Plated	2.40

For Prices of Plane Irons and Plane Parts see page 175

STANLEY CORE BOX PLANE





ADDITIONAL SECTIONS

This plane is designed for making circular core boxes. The sides of the plane are at right angles, consequently the point of the plane will always cut on the circumference of the circle when the sides rest on the edges of the cut.

It will make tapered core boxes as well as straight, it being merely necessary to lay out and groove to the desired taper instead of parallel.

Without additional sections the plane will work semi-circles from one inch to two and one-half inches in diameter.

With one pair of additional sections, which are regularly furnished with the plane, it will work semi-circles up to five inches in diameter.

Two pairs of additional sections with adjusting rods, by means of which the sides can be made square and held firmly in position, can be supplied. Each extra pair adds two and one-half inches to the diameter of the semi-circle that can be worked; making the diameter ten inches, the practical limit of the plane.

No.		Each
57	With one pair of Sections, to work semi-circles 1 to 5 inches. 10 inches long. ⅛ inch Cutter. Nickel Plated, Beech Handle and Knob	$8.50

ADDITIONAL SECTIONS

No.		Per Pair
2	To work semi-circles 5 inches to 7½ inches.	1.90
3	" " " " 7½ " " 10 "	1.90

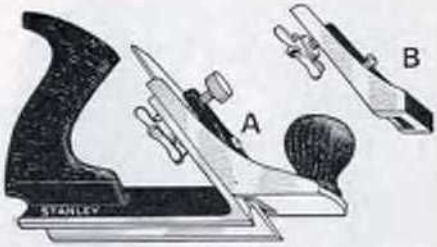
In ordering, give number of section wanted. If no number is given on order, No. 2 will be sent.

For Prices of Plane Irons and Plane Parts see page 176

STANLEY MISCELLANEOUS PLANES

ADJUSTABLE CHAMFER PLANE

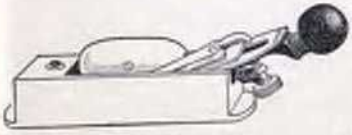
This Plane will do perfect chamfer or stop-chamfer work. It has a ninety degree V bottom which acts as a mitre guide. To this is attached an adjustable front, "A," having a flat bottom which carries the cutter. This front can be set for different sizes of chamfer. Front "A," can be readily detached and a bull-nose front, "B," (furnished with the Plane) substituted, permitting the Plane to be worked close up into corners.



No.		Each
72	Rosewood Handle and Knob, 9 in. long. 1 ⅝ in. Cutter. Weight each 3⅜ lbs.	4.20

CABINET MAKERS BLOCK PLANE

For piano makers and workmen in kindred trades who require an extra fine tool for finishing hard woods, etc. The metallic handle can be attached to the top of either edge, and the sides, being accurately machined, it can be used for work with a shoot board in planing mitres, etc. The mouth is adjustable for coarse or fine work and the cutter is adjustable endwise.



No.		Each
9	10 inches long. 2 inch Cutter, Rosewood Knob	8.40

CABINET MAKERS EDGE PLANE

For piano makers and all cabinet workers. It has a cutter resting on a solid bed practically its entire length. The cutting edge being located at the extreme end of the plane, gives the tool the form of a chisel. No other plane can be worked in such a small space or so close up into corners. The cutter is adjustable endwise. Rosewood knob.

No.		Each
97	10 inches long. 2¼ inch Cutter	4.50

STANLEY "FIFTY-FIVE" PLANE

"A Planing Mill Within Itself"

STANLEY "FIFTY-FIVE" PLANE

"A Planing Mill Within Itself"

This tool, in addition to being a beading and center beading plane, a plow, dado, rabbet, filletster, and match plane, a sash plane and a slitting plane, is also a superior moulding plane, and will accommodate cutters of almost any shape and size.

The samples of work illustrated, show some of the mouldings that can be made with cutters regularly furnished with this plane.

When it is considered, that in addition to the fifty-five regular cutters and the forty-one special cutters (carried in stock), the plane will take practically any form of cutter desired; its wide range of work will be appreciated.

The plane has: A main stock, which carries the cutter adjustment, a handle, a depth gauge, a slitting gauge, and has a steel bottom forming a bearing for one edge of the cutter. A sliding section, with a steel bottom gives bearing for the other edge of the cutter and slides on arms secured in the main stock. This bottom can be raised or lowered so that, in addition to allowing the use of cutters of different widths, cutters can be used having one edge higher or lower than the edge supported in the main stock.

The main fence has a lateral adjustment for extra fine work. The fences can be used on either side of the plane, and the rosewood guides can be tilted to any desired angle up to forty-five degrees. The second fence can be reversed for center beading wide boards.

The plane is fitted with spurs for working across the grain, and a special cam rest, to be located on the front arm when working at a distance from the edge of the board, to keep the fence from sagging, or on the rear arm on certain work, to prevent the possibility of the plane "rocking."

The regular equipment furnished with the plane comprises fifty-five cutters, all of which are shown on page 100.

A further line of forty-one cutters (shown on page 101) are carried in stock. Cutters of practically any form can be used in the plane, which the owner can make from blanks or order from sketch.

All metal parts of the plane are nickel plated. The handle and fences are made of selected rosewood, and every part is well finished.

The cutters, together with the plane and all its attachments are packed in a neat substantial box.

No.		Each
55	Nickel Plated with 55 Cutters. Weight 15¼ lbs.	**30.00**

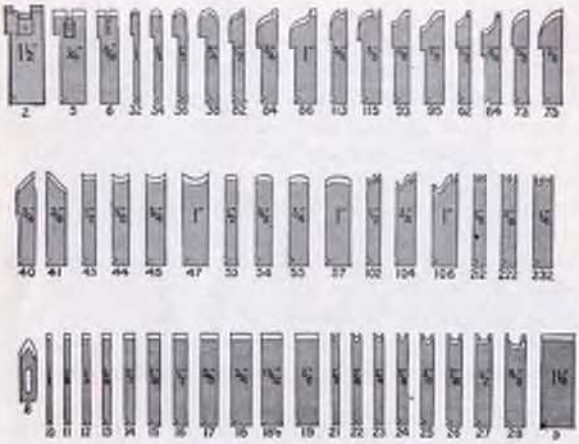
A special booklet covering the use of this plane will be sent on request.

For Prices of Plane Parts see page 178

STANLEY "FIFTY-FIVE" PLANE

REGULAR CUTTERS FOR "FIFTY-FIVE" PLANE

The following cutters are furnished with each plane. The prices are given in case duplicates should be required:



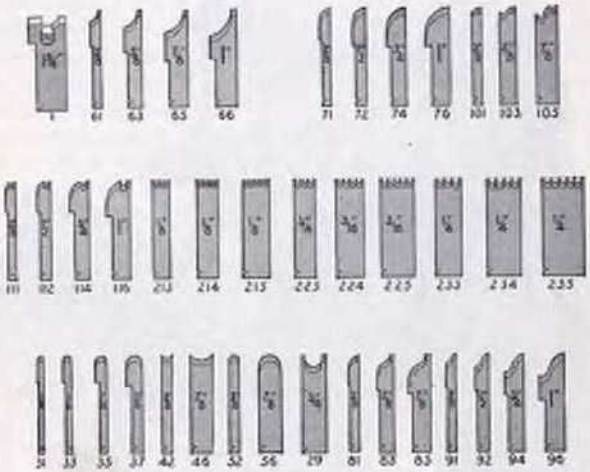
No.		Each
2	1 1/16 in. Sash Tool	1.00
5	3/4 " Match Tool	1.00
6	7/8 " " "	1.00
8	Slitting Tool	.60
9	Filletster	.50
10	3/8 in. Plow Dado Tool	.30
11	5/8 " " " "	.30
12	3/4 " " " "	.30
13	5/8 " " " "	.30
14	3/8 " " " "	.40
15	7/8 " " " "	.40
16	1/2 " " " "	.40
17	5/8 " " " "	.40
18	3/4 " " " "	.40
18½	11/16 " " " "	.50
19	7/8 " " " "	.50
21	3/8 " Beading Tool	.30
22	5/8 " " "	.30
23	1/4 in. Beading Tool	.30
24	3/16 " " "	.40
25	5/8 " " "	.40
26	7/8 " " "	.50
27	1/2 " " "	.50
28	3/8 " " "	.60
32	1/4 " Fluting Tool	.60
34	3/8 " " "	.60
36	1/2 " " "	.60
38	3/4 " " "	.60
40	3/4 " Chamfer Tool	.60
41	3/4 " " "	.60
43	1/2 " Hollow	.40
44	5/8 " "	.40
45	3/4 " "	.40
47	1 " "	.40
53	1/2 " Round	.40
54	3/8 " "	.40
55	3/4 " "	.40
57	1 in. Round	.40
62	1/2 in. Quarter Hollow	.90
64	3/4 " " "	1.00
73	3/8 " " Round	.90
75	7/8 " " "	1.00
82	1/2 " Reverse Ogee	.90
84	3/4 " " "	1.00
86	1 " " "	1.00
93	5/8 " Roman Ogee	.90
95	7/8 " " "	1.00
102	1/2 " Grecian Ogee	.90
104	3/4 " " "	1.00
106	1 " " "	1.00
113	5/8 " 1/4 Rd. with Bead	.90
115	7/8 " " " "	1.00
212	1/8 " Reeding Tl. 2 Bd.	.40
222	5/16 " " 2 "	.40
232	1/4 " " " 2 "	.40

For Prices of Plane Parts see page 178

STANLEY "FIFTY-FIVE" PLANE

SPECIAL CUTTERS FOR "FIFTY-FIVE" PLANE

These cutters are carried in stock and may be ordered by specifying the number of the cutter:



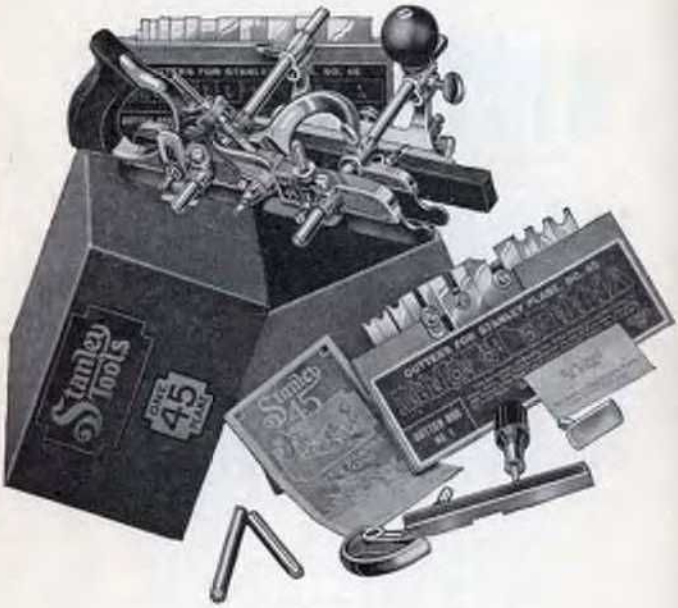
No.				Each
1	1	3/8 in.	Sash Tool	1.00
29	3/8	"	Beading Cutter	.60
31	5/16	"	Fluting Tool	.60
33	5/16	"	" "	.60
35	5/16	"	" "	.60
37	3/8	"	" "	.60
42	3/8	"	Hollow	.40
46	5/8	"	"	.40
52	5/8	"	Round	.40
56	5/8	"	"	.40
61	3/8	"	Quarter Hollow	.90
63	3/8	"	" "	.90
65	3/4	"	" "	1.00
66	1	"	" "	1.00

No.				Each
71	3/8	in.	Quarter Round	.90
72	1/2	"	" "	.90
74	3/4	"	" "	1.00
76	1	"	" "	1.00
81	3/8	"	Reverse Ogee	.90
83	5/8	"	" "	.90
85	7/8	"	" "	1.00
91	3/8	"	Roman Ogee	.90
92	1/2	"	" "	.90
94	3/4	"	" "	1.00
96	1	"	" "	1.00
101	3/8	"	Grecian Ogee	.90
103	5/8	"	" "	.90
105	7/8	"	" "	1.00

No.				Each
111	3/8	in.	1/4 Rd. with Bead	.90
112	1/2	"	1/4 " " "	.90
114	3/4	"	1/4 " " "	1.00
116	1	"	1/4 " " "	1.00
213	1/2	"	Reeding Tl. 3 "	.60
214	3/4	"	" " 4 "	.80
215	1/2	"	" " 5 "	1.00
223	3/8	"	" " 3 "	.60
224	3/8	"	" " 4 "	.80
225	3/8	"	" " 5 "	1.00
233	3/4	"	" " 3 "	.60
234	3/4	"	" " 4 "	.80
235	3/4	"	" " 5 "	1.00

For Prices of Plane Parts see page 178

STANLEY "FORTY-FIVE" PLANE



"Seven Planes in One"

STANLEY "FORTY-FIVE" PLANE

This well known and useful tool in reality combines *seven planes in one* in a compact and practical form. 1.—Beading and Center-beading Plane. 2.—Plow. 3.—Dado. 4.—Rabbet and Filletster. 5.—Match Plane. 6.—Sash Plane. 7.—Slitting Plane.

It has three principal parts, a *Main Stock*, a *Sliding Section*, and a *Fence* or *Gauge*.

The *Main Stock* carries the Cutter, Cutter Adjustment, Slitting Tool, Depth Gauge, Handle, and provides a bearing for one edge of the cutter.

The *Sliding Section* slides on two Arms, secured in the Main Stock and provides a bearing for the other edge of the cutter, allowing cutters of different widths to be used.

The *Fence*, which has a lateral adjustment for extra fine work, slides on these Arms and is used when working the Plane as a Plow, Beader or Filletster, to gauge the distance from the cutter to the edge of the board. The Arms slide through the Main Stock so that the Fence can be attached to either side according as the Plane is used right or left hand.

Two sets of Arms are furnished, one set 4¼ inches and the other 8¼ inches long. Longer Arms can be furnished if desired.

Spurs for working across the grain are attached to the Main Stock and Sliding Section. They can be readily turned up out of the way when not required.

For beading at a distance from the edge of a board a metal cam is furnished to go on the front arm between the sliding section and fence. This will prevent the fence from sagging. This cam can also be attached to the rear arm for work where it is desirable to keep the plane from "rocking."

Twenty-three *Cutters* are furnished with each Plane as follows: 11 Plow and Dado, 7 Beading, 1 Filletster, 1 Sash, 2 Match and 1 Slitting. Twenty-three additional cutters are regularly carried in stock and can be furnished at a slight additional cost.

All metal parts are nickel plated. The handle, knob and fence are made of selected rosewood.

The Cutters, together with the Plane, are packed in a neat substantial box.

No.		Each
45	Nickel plated, with 23 Cutters, weight 9½ lbs.	**15.00**

STANLEY ALUMINUM COMBINATION PLANE

Similar in design to the regular Stanley No. 45 Plane. Being made of aluminum it is an exceptionally light weight tool.

The Cutters for this plane are the same as used with the regular Stanley No. 45 Plane.

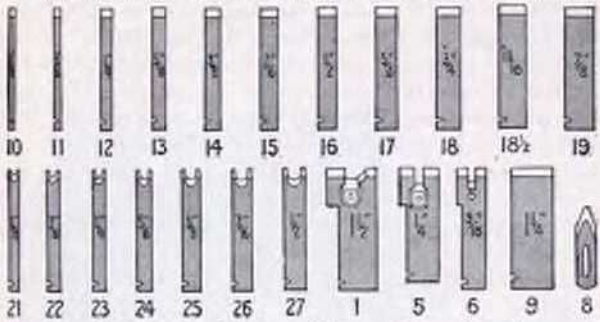
No.		Each
A45	Aluminum with 23 Cutters	**18.50**

For Prices of Plane Parts see page 178

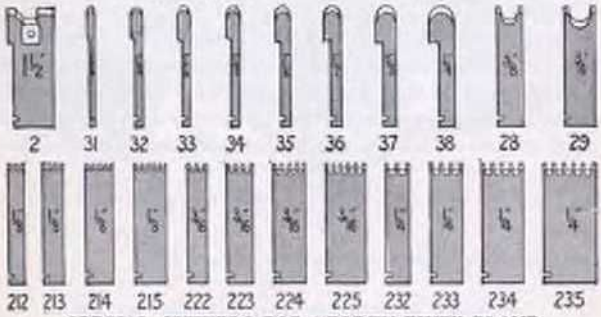
STANLEY "FORTY-FIVE" PLANE

CUTTERS REGULARLY SUPPLIED WITH PLANE

The price is given in case duplicates should be required.



No.	Size	Style	Each
1	1½ in.	Sash Tool	1.00
5	¼ "	Match Tool	1.00
6	5/16 "	" "	1.00
8		Slitting Tool	.60
9	1¼ "	Filletster	.50
10	⅛ "	Plow&DadoTool	.30
11	3/16 "	" " "	.30
12	¼ "	" " "	.30
13	1/16 in.	Plow&DadoTool	.30
14	⅛ "	" " "	.40
15	3/16 "	" " "	.40
16	¼ "	" " "	.40
17	5/16 "	" " "	.40
18	⅜ "	" " "	.40
18½	13/16 "	" " "	.50
19	⅝ "	" " "	.50
21	⅛ in.	Beading Tool	.30
22	3/16 "	" "	.30
23	¼ "	" "	.30
24	5/16 "	" "	.40
25	⅜ "	" "	.40
26	7/16 "	" "	.50
27	½ "	" "	.50



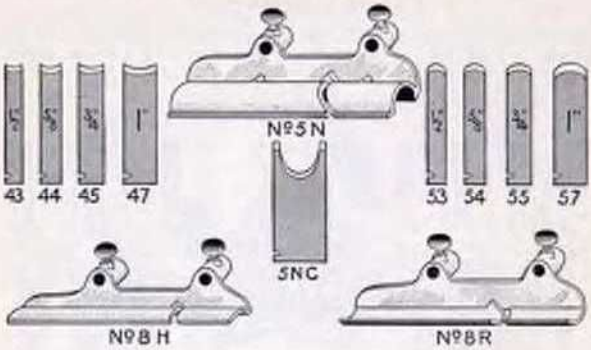
SPECIAL CUTTERS FOR "FORTY-FIVE" PLANE

Carried in stock and may be ordered by number.

No.	Size	Style	Each
2	1½ in.	Sash Tool	1.00
28	¼ "	Beading Tool	.60
29	¾ "	" "	.60
31	5/16 "	Fluting Tool	.60
32	¼ "	" "	.60
33	5/16 "	" "	.60
34	⅜ "	" "	.60
35	7/16 "	" "	.60
36	½ "	" "	.60
37	⅝ "	" "	.60
38	¾ "	" "	.60
212	⅛ in.	Reeding Tool 2 Beads	.60
213	3/16 "	" " 3 "	.60
214	¼ "	" " 4 "	.50
215	5/16 "	" " 5 "	1.00
222	5/16 "	Reeding Tool 2 Beads	.60
223	3/8 "	" " 3 "	.60
224	7/16 "	" " 4 "	.50
225	½ "	" " 5 "	1.00
232	¼ "	Reeding Tool 2 Beads	.60
233	¼ "	" " 3 "	.60
234	¼ "	" " 4 "	.50
235	¼ "	" " 5 "	1.00

For Prices of Plane Parts see page 178

SPECIAL BOTTOMS FOR "FORTY-FIVE" PLANE



In order to work *Hollows* and *Rounds* or a *Nosing Cutter* in the No. 45 Plane, it is necessary to substitute for the sliding section furnished with the plane, specially formed bottoms as illustrated above, which are called by the same name as the cutters they are designed to carry, that is:—*Hollows, Rounds,* or *Nosing Tools.*

A *Hollow* and its cutter will form a round on the moulding being worked. A *Round* and its cutter will form a hollow. They are made in four sizes, each size being designated by a number. The dimensions given in the table below are: first, the extreme width of the cutter (both hollows and rounds), followed by the diameter of the circle each cutter is designed to work. *Hollows* and *Rounds* are usually sold in sets, a set comprising one *Hollow,* one *Round* and two *Cutters.*

A *Nosing Tool* and its cutter will form an exact half round. It is very largely used for shaping the edges of stair treads. As in the hollows and rounds, the table gives the width of the cutter and the diameter of the circle, which the cutter is designed to work. The price of the Nosing Tool includes one cutter.

No.								Per Pair
6	Hollow and Round,	½	inch	Cutter,	Works	¾	inch Circle	2.30
8	" " "	⅝	"	"	"	1	" "	2.30
10	" " "	¾	"	"	"	1¾	" "	2.50
12	" " "	1	"	"	"	1½	" "	2.50
								Each
5	Nosing Tool	1 15/16"		"	"	1¼	" "	1.90

EXTRA CUTTERS FOR HOLLOWS AND ROUNDS

No.		Each	No.		Each
43	½ inch Hollow	.40	53	½ inch Round	.40
44	⅝ " "	.40	54	⅝ " "	.40
45	¾ " "	.40	55	¾ " "	.40
47	1 " "	.40	57	1 " "	.40

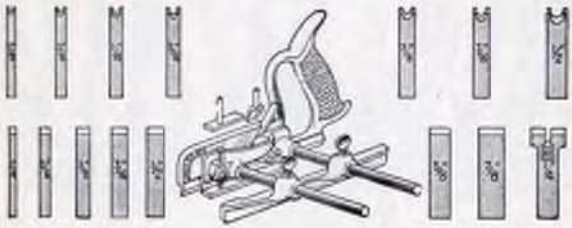
No.		Each
5NC	1 15/16 inch Cutter for Nosing Tool	.50

STANLEY MISCELLANEOUS PLANES

LIGHT COMBINATION

A small combination plane for light work. Adapted for plow, beading, matching and rabbet work. Fitted with spurs, depth gauge, and a fence with a 5 inch adjustment.

The handle is metal, being a part of the main stock.



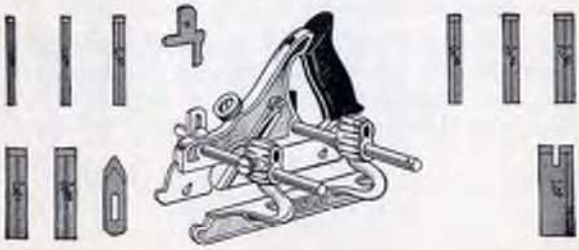
No.		Each
50	9¾ inches long, Nickel Plated	**8.40**

15 Cutters as Follows:

Plow and Dado	1/4, 3/16, 5/16, 7/16, 1/2, 3/8, 7/8 inch
Beading	1/4, 5/16, 3/8, 5/16, 3/8, 7/16, 1/2 inch
Tonguing	1/4 inch.

BULL NOSE COMBINATION

For plow, matching and rabbet work. The tool has two interchangeable front parts that make it either an ordinary or a bull nose plane. With the bull nose attachment it will work into a ½ inch hole as in sash fitting, stair work, etc. Fitted with a depth gauge and a fence.



No.		Each
143	9¾ inches long, Nickel Plated, Rosewood Handle	**8.05**

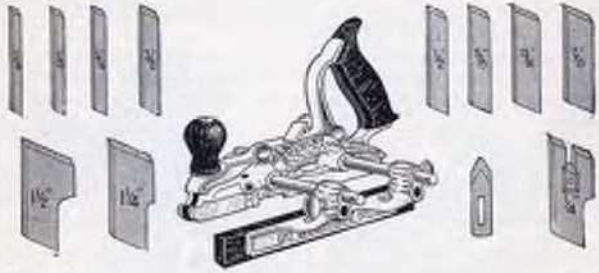
10 Cutters as Follows:

Plows	1/4, 3/16, 1/4, 3/16, 3/16, 3/16, 3/8, 3/8 inch
Tonguing	1/4 inch and Slitting Cutter

Cutters for planes 50 and 143 have the same prices as the No. 55 plane cutters (pages 100 and 101) of same size. In ordering, specify both the number of plane and the size of the cutter. Extra parts priced on page 178.

SKEW CUTTER COMBINATION

For plow, dado, filletster, matching and rabbet work. Fitted with spurs, a depth gauge and a fence with Rosewood face. A description of skew cutters is given on page 85.



No.		Each
46	10½ inches long, Nickel Plated, Rosewood Handle	10.65

12 Cutters as Follows:

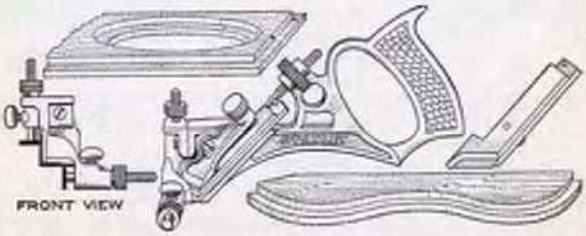
Plow and Dado 3/16, ¼, 5/16, ⅜, ½, ⅝, 11/16, ⅞, 1¼ inch
Filletster 1½ inches
Tonguing ¾ inch and Slitting Cutter

Cutters for plane No. 46 have the same prices as the No. 55 plane cutters (pages 100 and 101) of same size. In ordering, specify both the number of plane and the size of the cutter. Extra parts priced on page 178.

CURVE RABBET

Will cut rabbets on the outside or inside of curved or straight edges.

It has two adjustable cutters, the upper acting as a spur for the lower and also cutting the side of the rabbet. The lower skew cutter (see page 85) cuts the bottom of the rabbet. Adjustable depth gauge and fence.



No.		Each
196	9 inches long, Nickel Plated	7.15

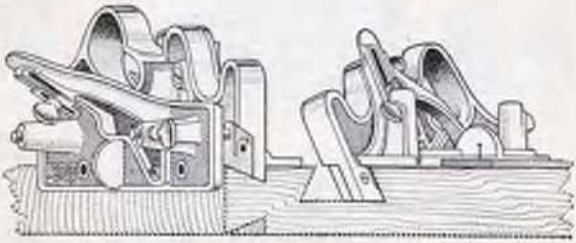
For Prices of Extra Parts see page 175

STANLEY DOVETAIL TONGUE AND GROOVE PLANE

The Only Plane Manufactured that Will Cut a Dovetail

It will cut any size grooves and tongues to fit with sides at flare of 20 degrees, where the width of the neck is more than one-quarter of an inch and the depth of groove not more than three-quarters of an inch. The tongue and groove are cut separately and can be made with parallel or tapering sides.

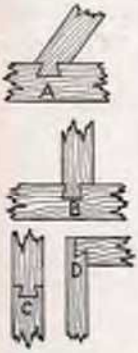
Its compactness is shown in the illustration, where the cut on the left shows the plane assembled for cutting the tongue, and that on the right for cutting the groove. A circular containing complete instructions for assembling and operating is packed with each tool.



No.		Each
444	9 inches long, Nickel Plated	**10.65**

Extra Parts and Cutters for this Plane are Priced on page 178

SOME 444 WORK



A Dovetail tongue and groove joint with the groove cut in the regular manner, and the tongue cut on a bevel, used for supports.

B Dovetail tongue and groove joint with unequal shoulders, or a joint with a regular groove, but where the tongue is offset.

C Dovetail tongue and groove joint as can very often be conveniently used when one is forming an end to end timber match.

D Dovetail tongue and groove half joint, frequently used by carpenters to a very great advantage in concealed nail work.

G Dovetail tongue and groove joint where both the groove and tongue are cut on a beveled surface, making a strong corner.

H Dovetail tongue and groove joint shown in one of its most useful applications, that of a bracket supporting a shelf.

J Dovetail tongue and groove joint as applied to the setting of gear teeth around the outer rim of any gear pattern.

STANLEY SCRAPER PLANES

DOUBLE HANDLE SCRAPER PLANES

The handles are of rosewood with a double grip, and being placed across the center of the tool, give it a good balance. The blades are adjustable endwise and for angle, and can be firmly locked in position desired.

Planes Nos. 12—12½ and 112 can also be used as Toothing Planes.

No.		Each
12	6¾ in. long, 2⅜ in. Blade, Japanned	4.70
	Extra Blades	.50

No.		Each
12¾	6¾ in. long, 2 in. Blade, Japanned	4.05
	Extra Blades	.50

ROSEWOOD BOTTOM

This wood bottom is especially adapted for use on very fine work, as it renders less liable the possibility of marring or scratching the surface being worked upon. The bottom is detachable, and, when worn, can be readily removed and a new one substituted.

No.		Each
12½	6¾ in. long, 2⅜ in. Blade, Japanned	6.40
	Extra Rosewood Bottoms	.50
	Extra Blades	.50

SINGLE HANDLE SCRAPER PLANE

The handle and knob have the same form as the regular "Bailey" Plane, being preferred by some users to the two-handle or double grip form of Scraper Plane.

The blades are adjustable endwise and for angle, and can be firmly locked in position desired.

No.		Each
112	9 in. long, 2⅜ in. Blade, Japanned	4.15
	Extra Blades	.50

SPECIAL BLADE FOR PLANES Nos. 12—12½ and 112

This blade is given a special temper, permitting more of a turn being given the edge when burnishing than is practical with the blades regularly furnished.

No.		Each
12B	2⅜ inches wide	.50

For Prices of Parts see page 176

STANLEY SCRAPER PLANES AND HAND SCRAPERS

SINGLE HANDLE SCRAPER PLANE

A small handy tool, designed to be used with one hand and well adapted for Violin Makers and all Mechanics requiring a light adjustable scraper. It has a rosewood knob but no handle. It also has the "Hand-y" feature.

No.		Each
212	5½ in. long, 1⅝ in. Blade, Japanned	3.60
	Extra Blades	.50

CABINET MAKERS SCRAPER PLANE

In working, the blade springs backward opening the mouth and allowing the shaving to pass through it. Handle and knobs can be tilted and held with set screw. This is convenient when working into corners or up against perpendicular surfaces. Rabbet mouth.

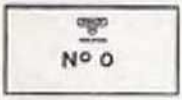
No.		Each
85	8 in. long, 2 in. Blade, Japanned	4.45
	Extra Blades	.50

For Prices of Parts see page 176

STANLEY HAND SCRAPERS AND TOOTHING CUTTERS

These Scrapers are made of high grade steel and great care is taken to give them a special temper for this work.

The Toothing Cutters are for use in Planes Nos. 12—12½ and 112.



No.					Each
0	2	inches wide,	4	inches long	.40
	2	" "	6	" "	.40
	2½	" "	5	" "	.45
	2½	" "	6	" "	.45
	2¾	" "	6	" "	.55
	3	" "	4	" "	.40
	3	" "	5	" "	.45

No.					Each
0	3	inches wide,	6	inches long	.55
	3½	" "	6	" "	.55
600	2½	" "	5	" "	.20
	3	" "	4	" "	.20
	3	" "	5	" "	.25
	3	" "	6	" "	.30

Toothing cutters 22, 28 or 32 to the inch — Each .85

STANLEY SCRAPER BURNISHER No. 176

This tool is used for turning the edges on cabinet Scraper Blades. Blade oval shaped, forged from the finest tool steel and is glass hard. It is held firmly in the handle by extending nearly through it and is pinned at the end. Hardwood handle, shellac polished.

No.		Each
176	8 in. overall, Blade 3½ in.	.70

STANLEY SCRAPERS

DOUBLE HANDLE—IRON BOTTOM

The blade may be sprung to a slight curve by means of a thumb screw, giving ease of operation and quickness of cut. The handles are raised to protect the user's hands, and pierced so that the tool can be hung up out of the way. Body and handles are cast in one piece.

No.		Each
80	11 in. long, 2¾ in. Blade, Japanned	1.40
	Extra Blades	.30

SINGLE HANDLE—ADJUSTABLE

The Adjustable Scraper handle can be tilted to give the blade any angle desired. Blades of different forms and widths can be held in any position required, permitting the tool to be used in many places inaccessible to other Scrapers. Handle and knob of hardwood.

No.		Each
82	14½ in. long, 3 in. Blade, Japanned	1.80
	Extra Blades	.30

DOUBLE HANDLE—ROLLER BOTTOM

This Scraper has a roller back of the blade which acts as a support to relieve the strain on the wrists of the workman. Handle is made of beech and can be detached for working into corners.

No.		Each
83	9½ in. long, 3¾ in. Blade, Nickeled	1.65
	Extra Blades	.30

DOUBLE HANDLE—ROSEWOOD BOTTOM

This Scraper has a rosewood bottom for use in the finest cabinet work. The handles are raised to protect the hands, and pierced so that it can be hung up out of the way. Body and handles cast in one piece.

No.		Each
81	10 in. long, 2½ in. Blade, Nickeled	2.25
	Extra Rosewood Bottoms	.50
	Extra Blades	.30

SINGLE HANDLE—NON-ADJUSTABLE

While this Scraper can be used for all kinds of scraping it is especially recommended for scraping floors on account of its strength and form. The body is ground smooth and japanned. Handle of hardwood securely fastened.

No.		Each
282	13 in. long, 3 in. Blade	1.45
	Extra Blades	.30

BOX SCRAPER

For removing stencils and markings from the surface of boxes, floors, etc. The handle is hinged above the surface. The face of the bottom and the edge of the cutter are slightly curved, allowing the user to scrape any uneven surface. Maple handle.

No.		Each
70	13 in. long, 2 in. Blade, Japanned	1.10
	Extra Blades	.25

STANLEY SPOKE SHAVES

These Spoke Shaves have cutters made from a high grade of steel, well tempered and sharpened ready for use.

ADJUSTABLE CUTTERS

The cutter can be quickly adjusted both endwise and sidewise by means of the adjusting screws which engage the slots near the end.

No. Each
151 Raised Handle, 10 in. long, 2⅜ in. Cutter .75

152 Straight Handle, 10 in. long, 2⅜ in. Cutter .75

DOUBLE IRON, IMPROVED

They have a cutter and cap iron, fastened by a thumb screw, in such a manner as to bring an even pressure on the cutter edge, and at the same time allow adjustment without the use of a screw driver.

No. Each
51 Raised Handle, 10 in. long, 2⅜ in. Cutter .55

52 Straight Handle, 10 in. long, 2⅜ in. Cutter .55

HOLLOW FACE

This Spoke Shave has a cutter with a hollow face for all kinds of round work.

No. Each
55 Raised Handle, 10 in. long, 2⅜ in. Cutter .50

ADJUSTABLE MOUTH

By means of a thumb screw the mouth can be opened or closed as coarse or fine work may be required.

No. Each
53 Raised Handle, 10 in. long, 2⅜ in. Cutter .70

54 Straight Handle, 10 in. long, 2⅜ in. Cutter .70

DOUBLE IRON, LIGHT

Designed especially for light work. They have straight handles and the cutter and japanned cap iron are fastened by a thumb screw.

No. Each
63 Convex Bottom, 9 in. long, 1¾ in. Cutter .30

64 Straight Bottom, 9 in. long, 1¾ in. Cutter .35

TWO CUTTER

Has two cutters and separate cutter seats, one hollow and one straight. The two forms of cutters in one tool make it a very handy Spoke Shave.

No. Each
60 Straight Handle, 10 in. long, 1½ in. Cutters .75

STANLEY SPOKE SHAVES

EXTRA LIGHT

Designed especially for use in Manual Training Schools, or for any work requiring the use of an extra light Spoke Shave.

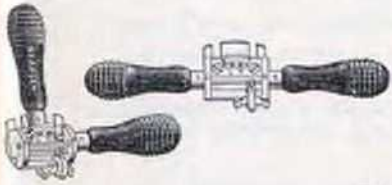
No.		Each
X63	Straight Handle, 9 in. long, 1½ in. Cutter	.45

DOUBLE IRON

58	Straight Handle, 10 in. long, 2⅛ in. Cutter	.45

STANLEY UNIVERSAL

The handles are detachable, and either one can be screwed into the top of the stock, enabling the user to work into corners or panels. Two detachable bottoms are furnished, one for straight and the other for circular work. A movable width gauge allows the tool to be used in rabbeting.



No.		Each
67	Nickel Plated, Rosewood Handle, 9¾ in. long, 1¾ in. Cutter	2.05

ADJUSTABLE CHAMFER

A very convenient tool. Can be adjusted to work chamfers up to 1½ inches (the width of the cutter).

No.		Each
65	Raised Handle, 9½ in. long, 1½ in. Cutter	.90

RABBET

Carriage makers, car builders and cabinet makers will find this a very convenient tool for finishing panels, rabbets, etc.

68	Straight Handle, 10¾ in. long, 2⅛ in. Cutter	1.25
71	Straight Handle, Brass Frame, 10¾ in. long, 2⅛ in. Cutter, with Gauge	3.55

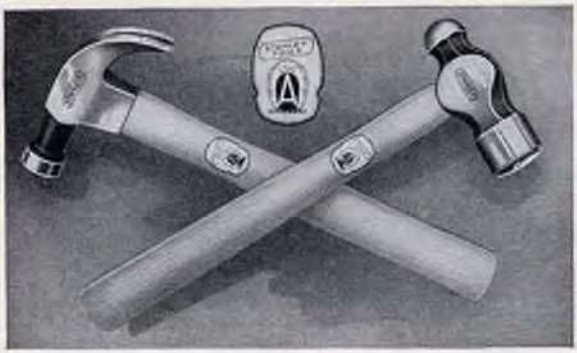
STANLEY RAZOR EDGE

So called from the shape of the cutter, which is hollow ground, giving an exceptionally keen cutting edge. They have an adjustable front, which can be moved up or down, giving the same effect as if the cutter was raised or lowered. The cutter itself is also adjustable, permitting a narrow or wide opening of the mouth.

No.		Each
84	Boxwood Handle, 11 in. long, 2 in. Cutter	1.40
85	Boxwood Handle, 12 in. long, 2½ in. "	1.50

SPOKE SHAVE IRONS

No.	Each	No.	Each	No.	Each
51	.15	60	.15	67	.35
52	.15	63	.15	71	.40
53	.15	X63	.15	84	.55
54	.15	64	.15	85	.55
55	.15	65	.15	151	.15
58	.15			152	.15



STANLEY-ATHA HANDLED HAMMERS

Nine Points of Merit

1. **Steel.** Made to our own formula and thoroughly tested.
2. **Pattern.** New and distinctive shapes—give perfect balance. Nail Hammer Claws are so beveled that they will grip and pull a nail by the shank.
3. **Forged.** Drop forged in positive dies. This method insures uniformity of shape.
4. **Temper.** Hardened and tempered individually (never in bulk).
5. **Handle.** Sound, young, straight-grained, selected hickory, thoroughly seasoned. Shaped to fit the hand.
6. **Secure Heads.** The eye end of Handle is treated to exclude all moisture. This prevents swelling and shrinking, the usual cause of loose hammer heads.
7. **Wedging.** Special wedges, reinforced by the exclusive feature of steps in the inside of the eye; the eye tapers from the center in both directions.
8. **Finish.** Beautifully finished to create an appeal.
9. **Marking.** The weight and catalog number are plainly stamped on the head of the Hammer for the convenience of the trade.

No. 100 Plus

No. 15

No. 31½C

No. 31½F

No. 41½

No. 51½

STANLEY-ATHA ADZE EYE NAIL HAMMERS

"ONE HUNDRED PLUS"

A new and distinctive shape, beautifully finished. Indorsed by many artisans as the perfect hammer. **Adze Eye, Semi-Ripping Claw, Bell Face, Highly Polished with Black Enamel on Head and under Claws.**

No.	Size	Overall	Each
100 Plus	1½	13	$2.00

Packed one only in an attractive box. Wgt. 2 lbs.

"RED NECK"

Curved Claw, Octagon Neck, Round Poll. Highly Polished Finish with Red Octagonal Neck. Polished Handles of Specially Selected, White, Straight Grained Hickory.

No.	Oz.	Size	Overall	Packed	Each
15	20	1	13½ in.	½ doz. 7 lbs.	$1.80
15	16	1½	13 in.	½ doz. 6 lbs.	1.75
15	13	2	13 in.	½ doz. 4¾ lbs.	1.70

NICKEL PLATED

Mahoganized Handle

Curved Claw, Octagon Neck and Poll

No.	Oz.	Size	Overall	Packed	Each
31C	20	1	13½ in.	½ doz. 10½ lbs.	$2.10
31½C	16	1½	13 in.	½ doz. 9 lbs.	2.05
32C	13	2	13 in.	½ doz. 7 lbs.	2.00

FULL POLISHED

Curved Claw, Octagon Neck and Poll

No.	Oz.	Size	Overall	Packed	Each
31F	20	1	13½ in.	½ doz. 10½ lbs.	$1.80
31½F	16	1½	13 in.	½ doz. 9 lbs.	1.75
32F	13	2	13 in.	½ doz. 7 lbs.	1.70

PLAIN FACE

Polished

Curved Claw, Plain Neck

No.	Oz.	Size	Overall	Packed	Each
40	28	0	15 in.	½ doz. 12½ lbs.	$2.00
41	20	1	13½ in.	½ doz. 10½ lbs.	1.60
41½	16	1½	13 in.	½ doz. 9 lbs.	1.50
42	13	2	13 in.	½ doz. 7 lbs.	1.45
43	7	3	12 in.	½ doz. 5 lbs.	1.40
44	5	4	12 in.	½ doz. 3¼ lbs.	1.40

BELL FACE

Polished

Curved Claw, Round Neck and Poll

No.	Oz.	Size	Overall	Packed	Each
51	20	1	13½ in.	½ doz. 10½ lbs.	$1.60
51½	16	1½	13 in.	½ doz. 9 lbs.	1.50
52	13	2	13 in.	½ doz. 7 lbs.	1.45
52½	10	2½	12½ in.	½ doz. 5¾ lbs.	1.40
53	7	3	12 in.	½ doz. 5 lbs.	1.40
54	5	4	12 in.	½ doz. 3¼ lbs.	1.40

No. 41½A

No. 141½

No. 51½A

No. 151½

No. 61½B

No. 161½B

STANLEY-ATHA ADZE EYE NAIL HAMMERS

PLAIN FACE RIPPING

Polished

Straight Claw, Plain Neck

No.	Oz.	Size	Overall	Packed	Each
41A	20	1	13½ in.	½ doz. 10½ lbs.	$1.60
41½A	16	1½	13 in.	½ doz. 9 lbs.	1.50

BELL FACE RIPPING

Polished

Straight Claw, Round Neck and Poll

No.	Oz.	Size	Overall	Packed	Each
50A	26	0	15 in.	½ doz. 12 lbs.	$2.50
51A	20	1	13½ in.	½ doz. 10½ lbs.	1.60
51½A	16	1½	13 in.	½ doz. 9 lbs.	1.50
52A	13	2	13 in.	½ doz. 7 lbs.	1.45
Bell Face Ripping—Indent Checkering					
150A	26	0	15 in.	½ doz. 12 lbs.	2.65

NEWARK PATTERN RIPPING

Polished

Straight Claw, Straight Octagon Neck

No.	Oz.	Size	Overall	Packed	Each
61B	20	1	13½ in.	½ doz. 10½ lbs.	$1.60
61½B	16	1½	13 in.	½ doz. 9 lbs.	1.50
62B	13	2	13 in.	½ doz. 7 lbs.	1.45

PLAIN FACE—INDENT CHECKERING

Polished

Curved Claw, Plain Neck

No.	Oz.	Size	Overall	Packed	Each
141	20	1	13½ in.	½ doz. 10½ lbs.	$1.75
141½	16	1½	13 in.	½ doz. 9 lbs.	1.65

BELL FACE—INDENT CHECKERING

Polished

Curved Claw, Round Neck and Poll

No.	Oz.	Size	Overall	Packed	Each
151	20	1	13½ in.	½ doz. 10½ lbs.	$1.75
151½	16	1½	13 in.	½ doz. 9 lbs.	1.65

NEWARK PATTERN RIPPING CROSS CHECKERING

Polished

Straight Claw, Straight Octagon Neck

No.	Oz.	Size	Overall	Packed	Each
161B	20	1	13½ in.	½ doz. 10½ lbs.	$1.75
161½B	16	1½	13 in.	½ doz. 9 lbs.	1.65

Atha Checkered Face Claw Hammers are recommended for use in Shipping and Packing Departments.

Nos. 50A and 150A are especially recommended for heavy crating, staging and construction work.

No. 131½

No. 91½

No. 101½

No. 01½

No. 011½

"STANDARD" ADZE EYE NAIL HAMMERS

These Hammers are of good quality but are not as highly finished as the Atha Brand of Hammers.

PAINTED NECK

Curved Claw, Octagon Neck, Round Poll, Buff Enameled Neck, Hickory Handles.

No.	Oz.	Size	Overall	Packed	Each
131	20	1	13½ in.	½ doz. 10½ lbs.	$1.30
131½	16	1½	13 in.	½ doz. 9 lbs.	1.20
132	13	2	13 in.	½ doz. 7 lbs.	1.15

PLAIN FACE

Polished

Adze Eye, Curved Claw, Plain Neck

No.	Oz.	Size	Overall	Packed	Each
91	20	1	13½ in.	½ doz. 10½ lbs.	$1.20
91½	16	1½	13 in.	½ doz. 9 lbs.	1.10
92	13	2	13 in.	½ doz. 7 lbs.	1.05

BELL FACE

Polished

Adze Eye, Curved Claw, Round Neck and Poll

No.	Oz.	Size	Overall	Packed	Each
101	20	1	13½ in.	½ doz. 10½ lbs.	$1.20
101½	16	1½	13 in.	½ doz. 9 lbs.	1.10
102	13	2	13 in.	½ doz. 7 lbs.	1.05

"DEFIANCE" NAIL HAMMERS

These Hammers, while being good serviceable tools, are not of the same quality or as highly finished as the Atha Brand of Hammers.

PLAIN FACE

Black Finish—Polished Face and Claws

Hickory Handle

Adze Eye, Curved Claw, Plain Neck

No.	Oz.	Size	Overall	Packed	Each
01	20	1	13½ in.	½ doz. 10½ lbs.	$0.95
01½	16	1½	13 in.	½ doz. 9 lbs.	.90
02	13	2	13 in.	½ doz. 7 lbs.	.85

BELL FACE

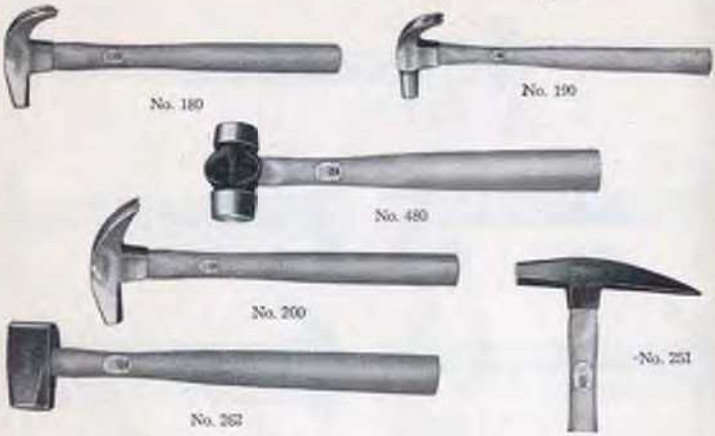
Black Finish—Polished Face and Claws

Hickory Handle

Adze Eye, Curved Claw, Round Neck and Poll

No.	Oz.	Size	Overall	Packed	Each
011	20	1	13½ in.	½ doz. 10½ lbs.	$0.95
011½	16	1½	13 in.	½ doz. 9 lbs.	.90
012	13	2	13 in.	½ doz. 7 lbs.	.85
013	7	3	12 in.	½ doz. 5 lbs.	.80

"Defiance" Hammers can also be furnished with Stained Handles if so ordered.



STANLEY-ATHA FARRIERS HAMMERS

ADZE EYE
Polished
Curved Claw—Octagon Poll

No.	Oz.	Overall	Packed	Each
180	7	13 in.	½ doz. 5 lbs.	$1.35

ADZE EYE
Polished
Curved Claw—Plain Poll

No.	Oz.	Overall	Packed	Each
190	7	13 in.	½ doz. 5 lbs.	$1.35

ADZE EYE
Polished
Straight Claw—Octagon Poll

No.	Oz.	Overall	Packed	Each
200	10	13 in.	½ doz. 6¼ lbs.	$1.60
220	12	14 in.	½ doz. 7½ lbs.	1.60

FARRIERS TURNING
Smooth Black Finish
New York Pattern

No.	Oz.	Overall	Packed	Each
480	32	15 in.	½ doz. 15¼ lbs.	$3.00

STANLEY-ATHA PROSPECTING HAMMERS

PROSPECTING HAMMER
Smooth Black Finish—Polished Face

No.	Oz.	Size	Overall	Packed	Each
262	28	2	15 in.	½ doz. 13½ lbs.	$2.00

The No. 262 Hammer is also used by the prospector as a Drill Sharpening Hammer.

PROSPECTING OR GEOLOGIST PICK
Smooth Black Finish—Polished Face

No.	Oz.	Size	Overall	Packed	Each
251	16	1	13 in.	½ doz. 8¼ lbs.	$2.00
252	24	2	13 in.	½ doz. 11¼ lbs.	2.25

No. 312

No. 312B

No. 332

No. 352

STANLEY-ATHA MACHINISTS HAMMERS

BALL PEIN

Polished

Octagon Pattern

Selected White Hickory Handles

No.	Oz.	Size	Overall	Packed	Each
306	4	00000	10⅞ in.	½ doz. 2½ lbs.	$1.10
307	6	0000	12 in.	½ doz. 3½ lbs.	1.10
308	8	000	13 in.	½ doz. 5 lbs.	1.10
309	12	00	14 in.	½ doz. 6½ lbs.	1.10
310	16	0	14½ in.	½ doz. 8¼ lbs.	1.15
311	20	1	15 in.	½ doz. 10¼ lbs.	1.25
312	24	2	16 in.	½ doz. 11¾ lbs.	1.35
313	28	3	16 in.	½ doz. 13¼ lbs.	1.45
314	32	4	16 in.	½ doz. 10 lbs.	1.55
315	36	5	16 in.	½ doz. 10¾ lbs.	1.60
316	40	6	16 in.	½ doz. 12¾ lbs.	1.75
318	48	8	16 in.	½ doz. 15 lbs.	2.00
319	56	9	16 in.	½ doz. 16 lbs.	2.25

BALL PEIN

Special Black Finish, Polished Face and Pein

Octagon Pattern

Hickory Handles

No.	Oz.	Size	Overall	Packed	Doz.
306B	4	00000	10⅞ in.	½ doz. 2½ lbs.	$12.00
307B	6	0000	12 in.	½ doz. 3½ lbs.	12.00
308B	8	000	13 in.	½ doz. 5 lbs.	12.00
309B	12	00	14 in.	½ doz. 6½ lbs.	12.00
310B	16	0	14½ in.	½ doz. 8¼ lbs.	12.50
311B	20	1	15 in.	½ doz. 10¼ lbs.	13.50
312B	24	2	16 in.	½ doz. 11¾ lbs.	14.50
313B	28	3	16 in.	½ doz. 13¼ lbs.	15.50
314B	32	4	16 in.	½ doz. 10 lbs.	16.50
315B	36	5	16 in.	½ doz. 10¾ lbs.	17.50
316B	40	6	16 in.	½ doz. 12¾ lbs.	19.00
318B	48	8	16 in.	½ doz. 15 lbs.	22.00
319B	56	9	16 in.	½ doz. 16 lbs.	24.00

STRAIGHT PEIN

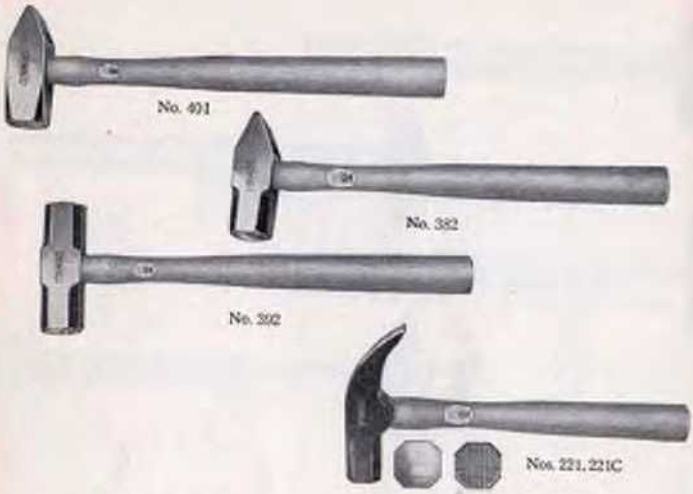
Polished

No.	Oz.	Size	Overall	Packed	Each
326	4	00000	10⅞ in.	½ doz. 2½ lbs.	$1.30
327	6	0000	12 in.	½ doz. 3½ lbs.	1.30
328	8	000	13 in.	½ doz. 5 lbs.	1.30
329	12	00	14 in.	½ doz. 6½ lbs.	1.30
330	16	0	14½ in.	½ doz. 8¼ lbs.	1.35
331	20	1	15 in.	½ doz. 10¼ lbs.	1.50
332	24	2	16 in.	½ doz. 11¾ lbs.	1.60
333	28	3	16 in.	½ doz. 13¼ lbs.	1.70
334	32	4	16 in.	½ doz. 15 lbs.	1.80

CROSS PEIN

Polished

No.	Oz.	Size	Overall	Packed	Each
346	4	00000	10⅞ in.	½ doz. 2½ lbs.	$1.30
347	6	0000	12 in.	½ doz. 3½ lbs.	1.30
348	8	000	13 in.	½ doz. 5 lbs.	1.30
349	12	00	14 in.	½ doz. 6½ lbs.	1.30
350	16	0	14½ in.	½ doz. 8¼ lbs.	1.35
351	20	1	15 in.	½ doz. 10¼ lbs.	1.50
352	24	2	16 in.	½ doz. 11¾ lbs.	1.60
353	28	3	16 in.	½ doz. 13¼ lbs.	1.70
354	32	4	16 in.	½ doz. 15 lbs.	1.80



STANLEY-ATHA ENGINEERS, BLACKSMITHS HAND AND FLOOR LAYERS HAMMERS

BLACKSMITHS HAND

Polished

No.	Oz.	Size	Overall	Packed	Each
400	24	0	15 in.	½ doz. 12 lbs.	$1.50
401	32	1	16 in.	½ doz. 10½ lbs.	1.65
402	40	2	16 in.	½ doz. 12½ lbs.	1.75
403	48	3	16 in.	½ doz. 14¾ lbs.	1.90
404	56	4	16 in.	½ doz. 8 lbs.	2.05
405	72	5	16 in.	½ doz. 10 lbs.	2.35

ENGINEERS—CROSS PEIN

Polished

No.	Oz.	Size	Overall	Packed	Each
380	18	0	14 in.	½ doz. 9¾ lbs.	$1.40
381	24	1	15 in.	½ doz. 11¾ lbs.	1.50
382	32	2	16 in.	½ doz. 15 lbs.	1.65
383	40	3	16 in.	½ doz. 12 lbs.	1.75
384	48	4	16 in.	½ doz. 14¾ lbs.	1.90

ENGINEERS—DOUBLE FACE

Polished

No.	Oz.	Size	Overall	Packed	Each
391	24	1	15 in.	½ doz. 12 lbs.	$1.50
392	40	2	16 in.	½ doz. 11¾ lbs.	1.75
393	48	3	16 in.	½ doz. 14¼ lbs.	1.90
394	56	4	16 in.	½ doz. 8¾ lbs.	2.05

FLOOR LAYERS HAMMER

Plain Eye, Octagonal Neck, Special Black Finish

No.	Oz.	Overall	Packed	Each
		With Polished Face		
221	32	13½ in.	½ doz. 10½ lbs.	2.05
		With Checkered Face		
221C	32	13½ in.	½ doz. 10½ lbs.	$2.20

No. 423

No. 432

No. 452

No. 462

No. 233

No. 166

STANLEY-ATHA COOPERS AND CHIPPING HAMMERS

COOPERS

Smooth Black Finish

No.	Oz.	Overall	Packed	Each
423	48	10 in.	½ doz. 14 lbs.	$2.10
424	64	10 in.	½ doz. 9½ lbs.	2.35
424½	72	11 in.	½ doz. 10 lbs.	2.45
425	80	11 in.	½ doz. 11 lbs.	2.60

CHIPPING

Smooth Black Finish

No.	Oz.	Size	Overall	Packed	Each
431	24	1	14 in.	½ doz. 11½ lbs.	$1.60
432	32	2	15½ in.	½ doz. 10½ lbs.	1.70
433	40	3	16 in.	½ doz. 11½ lbs.	1.80

STANLEY-ATHA TINNERS HAMMERS

TINNERS SETTING OR PANEING

Plain Eye—Polished

No.	Oz.	Size	Overall	Packed	Each
451	8	4	12 in.	½ doz. 5½ lbs.	$1.20
452	12	3	13 in.	½ doz. 7 lbs.	1.30
453	16	2	14 in.	½ doz. 9½ lbs.	1.40
454	20	1	15 in.	½ doz. 10½ lbs.	1.50

TINNERS RIVETING

Plain Eye—Polished

No.	Oz.	Size	Overall	Packed	Each
461	8	4	11½ in.	½ doz. 4½ lbs.	$1.20
462	12	3	13 in.	½ doz. 6½ lbs.	1.30
463	16	2	14 in.	½ doz. 8 lbs.	1.40
464	20	1	15 in.	½ doz. 10½ lbs.	1.50

STANLEY-ATHA RIVETING AND BILL POSTERS HAMMERS

RIVETING

Plain Eye—Polished

No.	Oz.	Size	Overall	Packed	Each
230	4	0	11 in.	½ doz. 2½ lbs.	$1.05
231	7	1	12 in.	½ doz. 4 lbs.	1.15
232	9	2	12 in.	½ doz. 4½ lbs.	1.20
233	12	3	13 in.	½ doz. 6 lbs.	1.30
234	15	4	14 in.	½ doz. 7½ lbs.	1.40
235	18	5	14 in.	½ doz. 9½ lbs.	1.50

MAGNETIC BILL POSTERS HAMMER

Plain Eye—Polished

No.	Oz.	Overall	Packed	Each
166	7½	12 in	½ doz. 4½ lbs.	$1.25

STANLEY-ATHA BRICKLAYERS HAMMERS

The most complete line of Bricklayers Hammers made. Atha Bricklayers Hammers are expertly designed to suit the practical needs of the Mason and Bricklayer. Drop forged, full surface ground, and attractively finished.

PLAIN EYE

Smooth Black Finish—Polished Face

No.	Oz.	Size	Overall	Packed	Each
442	24	1	11 in.	½ doz. 11½ lbs.	$1.45

ADZE EYE

Smooth Black Finish—Polished Face

No.	Oz.	Size	Overall	Packed	Each
442A	24	1	11 in.	½ doz. 11½ lbs.	$1.65

ADZE EYE

Smooth Black Finish—Polished Face

No.	Oz.	Size	Overall	Packed	Each
431½A	24	1	11 in.	½ doz. 8 lbs.	$1.65
432A	32	2	11 in.	½ doz. 11 lbs.	1.80

SCUTCHES

Smooth Black Finish

No.	Oz.	Size	Overall	Packed	Each
431½B	24	1	11 in.	½ doz. 8 lbs.	$1.65
432B	32	2	11 in.	½ doz. 11 lbs.	1.80

ADZE EYE—LOOSE HANDLE

Smooth Black Finish—Polished Face

No.	Oz.	Size	Overall	Packed	Each
531½A	24	1	11 in.	½ doz. 2 lbs.	$1.65
532A	32	2	11 in.	½ doz. 2½ lbs.	1.80

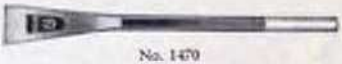
Packed one in a box with loose handle and three wood wedges.

Handle will hold securely, but can be easily removed for redressing head or for convenience in carrying.

No. 24

No. 124

No 1460



No. 1470

No. 210

No. B12 Asst

ATHA RIPPING BARS AND CHISELS

These tools are drop-forged from high grade hexagon tool steel and will not easily bend or break. They are attractively finished. Body black baked japan, Ends bright red, Bits nicely polished.

GOOSE NECK RIPPING BARS
"HI-Carbon"

No.			Each
112	½ in. x 12 in.	Wgt. 1 lb.	$0.50
118	½ in. x 18 in.	Wgt. 1¼ lbs.	.60
124	¾ in. x 24 in.	Wgt. 3½ lbs.	.75
130	¾ in. x 30 in.	Wgt. 4¼ lbs.	.90
136	¾ in. x 36 in.	Wgt. 5 lbs.	1.00

Packed in bulk

STRAIGHT RIPPING BARS
"HI-Carbon"

No.			Each
12	½ in. x 12 in.	Wgt. ¾ lb.	$0.50
18	½ in. x 18 in.	Wgt. 1¼ lbs.	.60
24	¾ in. x 24 in.	Wgt. 3 lbs.	.75
30	¾ in. x 30 in.	Wgt. 3½ lbs.	.90
36	¾ in. x 36 in.	Wgt. 4½ lbs.	1.00

Packed in bulk

RIPPING CHISEL

No.		Each
1460	¾ in. stock, 1½ in. cutting edge, 18 in. long Wgt., 2¼ lbs.	$1.00

Packed four in a box

FLOOR AND CLAPBOARD CHISEL

No.		Each
1470	¾ in. stock, 2 in. cutting edge, 18 in. long. Wgt., 2¼ lbs.	$1.00

Packed four in a box

ELECTRICIANS CUTTING CHISEL

Electric Furnace Chrome Vanadium Alloy Steel. Blades Polished, Handle Black. Designed to cut off the tongue on floor boards. Bit is tempered to cut nails.

No.		Each
210	2¼ in. cutting edge, ½ in. stock, 8 in. long. Weight ¾ lbs.	$1.25

Packed four in a box

BAR ASSORTMENT NO. B12

Contains the following Atha "HI-Carbon" Ripping Bars

3 No. 118	½ x 18 in.
6 No. 124	¾ x 24 in.
3 No. 130	¾ x 30 in.

Packed in a heavy cardboard container. Packed weight, 45 lbs.

4 Assortments to a case, 200 lbs.

Price, each, Asst. $9.00

STANLEY "EVERLASTING" CHISELS

The illustrations on the opposite page show the general appearance of Stanley "Everlasting" chisels, which are made in three styles.

FIRMER—The trade name given what might be called the Standard Chisel used in all kinds of ordinary work where such a tool is required. POCKET OR CABINET—which are similar in general appearance to the Firmer line but having handles of a slightly different shape and blades somewhat shorter, and BUTT—which are principally used for sinking in butts, hinges, etc. The blades are shorter than those in either the Firmer or Pocket Chisels, which make them lighter and handier for this work.

"Bevel Edge" chisels are preferable to "Plain Edge," for the reason that they clear themselves easier after a blow and the friction on the sides of the chisel is cut down.

The various sizes manufactured of all numbers are shown on the following pages.

The HEAD, SHANK AND BLADE are of patented construction, having the head, shank and blade forged from one piece of tool steel, as shown in the cut above.

This construction insures great strength and durability and provides for a maximum of efficiency, as a blow on the head of the Chisel is transmitted directly to the cutting edge. Great care is used in the manufacture, especially in the heat treatment of the blade.

THE HANDLE is made from selected hickory and is well finished and fits very snugly into the ferrule. A leather washer is placed between the handle and the steel head to serve as a cushion, thus relieving the handle from shock when the blow is struck.

THE FERRULE is machined from bar steel and is assembled to the Chisel by swaging the ferrule into the double taper in the shank, practically making the shank and ferrule one piece.

The cutting edges of both the Bevel edge and Square edge styles are ground sharp before leaving the factory.

STANLEY "EVERLASTING" CHISELS

Complete details showing the construction of these chisels are given on the preceding page.

BEVEL EDGE FIRMER
Blades 5½ Inches Long

No.					Each
20	⅛ in.	Blade,	11¼ in.	Overall	1.25
	¼ "	"	11¼ "	"	1.30
	⅜ "	"	11¼ "	"	1.40
	½ "	"	11¼ "	"	1.45
	⅝ "	"	11¼ "	"	1.50
	¾ "	"	11¼ "	"	1.55
	⅞ "	"	11¼ "	"	1.65
1	"	"	11¼ "	"	1.70
1¼	"	"	12¼ "	"	1.85
1½	"	"	12¼ "	"	2.10
1¾	"	"	12¼ "	"	2.30
2	"	"	12¼ "	"	2.55

BEVEL EDGE POCKET
Blades 4½ Inches Long

No.					Each
40	⅛ in.	Blade,	9 in.	Overall	1.10
	¼ "	"	9 "	"	1.15
	⅜ "	"	9 "	"	1.25
	½ "	"	9 "	"	1.30
	⅝ "	"	9 "	"	1.35
	¾ "	"	9 "	"	1.40
	⅞ "	"	9 "	"	1.45
1	"	"	9 "	"	1.50
1¼	"	"	10¼ "	"	1.65
1½	"	"	10¼ "	"	1.90
1¾	"	"	10¼ "	"	2.00
2	"	"	10¼ "	"	2.25

BEVEL EDGE BUTT
Blades 3 Inches Long

No.					Each
50	⅛ in.	Blade,	8 in.	Overall	1.10
	¼ "	"	8 "	"	1.10
	⅜ "	"	8 "	"	1.20
	½ "	"	8 "	"	1.25
	⅝ "	"	8 "	"	1.30
	¾ "	"	8 "	"	1.30
	⅞ "	"	8 "	"	1.40
1	"	"	8 "	"	1.45
1¼	"	"	9 "	"	1.60
1½	"	"	9 "	"	1.80
1¾	"	"	9 "	"	1.90
2	"	"	9 "	"	2.15

SQUARE EDGE FIRMER
Blades 5½ Inches Long

No.					Each
25	⅛ in.	Blade,	11¼ in.	Overall	1.20
	¼ "	"	11¼ "	"	1.25
	⅜ "	"	11¼ "	"	1.35
	½ "	"	11¼ "	"	1.35
	⅝ "	"	11¼ "	"	1.45
	¾ "	"	11¼ "	"	1.50
	⅞ "	"	11¼ "	"	1.60
1	"	"	11¼ "	"	1.65
1¼	"	"	12¼ "	"	1.80
1½	"	"	12¼ "	"	2.00
1¾	"	"	12¼ "	"	2.25
2	"	"	12¼ "	"	2.45

SQUARE EDGE POCKET
Blades 4½ Inches Long

No.					Each
45	⅛ in.	Blade,	9 in.	Overall	1.05
	¼ "	"	9 "	"	1.10
	⅜ "	"	9 "	"	1.20
	½ "	"	9 "	"	1.25
	⅝ "	"	9 "	"	1.30
	¾ "	"	9 "	"	1.35
	⅞ "	"	9 "	"	1.40
1	"	"	9 "	"	1.45
1¼	"	"	10¼ "	"	1.60
1½	"	"	10¼ "	"	1.80
1¾	"	"	10¼ "	"	1.95
2	"	"	10¼ "	"	2.15

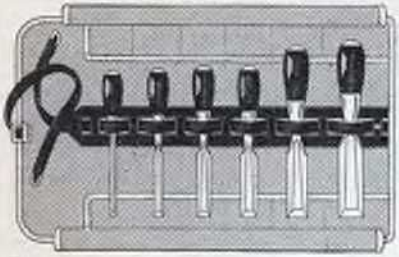
GLAZIERS CHISEL

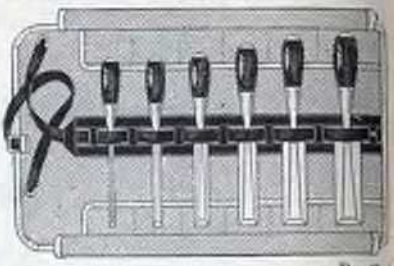
It has a short stiff blade of the square edge type, 3 inches long and 2 inches wide, which makes it especially adapted for cleaning out old putty and smoothing up and preparing window sashes for the glass.

No.		Each
55	2 in. Blade, 9 in. Overall	2.05

STANLEY "EVERLASTING" CHISELS

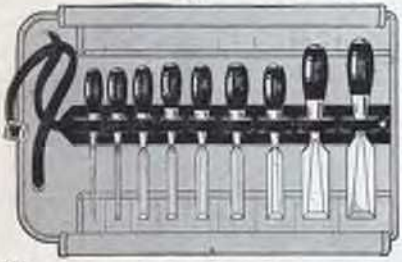
Butt — **SETS OF 6 IN A ROLL** — Pocket

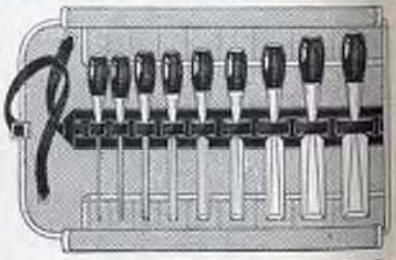




No.		Per Set
120	Butt Chisels, Bevel Edge ¼, ½, ⅝, 1, 1¼, 1½ inches wide	9.10
110	Pocket " " " ¼, ½, ⅝, 1, 1¼, 1½ " "	9.60
501	Firmer " " " ¼, ½, ¾, 1, 1¼, 1½ " "	10.65

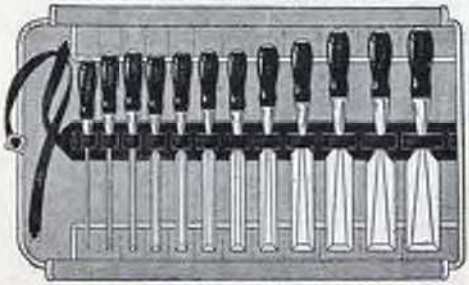
Butt — **SETS OF 9 IN A ROLL** — Pocket





No.		Per Set
220	Butt Chisels, Bevel Edge ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼, 1½ inches wide	12.75
210	Pocket " " " ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼, 1½ " "	13.20
601	Firmer " " " ⅛, ¼, ⅜, ½, ⅝, ¾, 1, 1¼, 1½ " "	14.70

SETS OF 12 IN A ROLL—Firmer



No.		Per Set
320	Butt Chisels, Bevel Edge ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2 inches wide	18.10
310	Pocket " " " ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2 " "	18.75
701	Firmer " " " ⅛, ¼, ⅜, ½, ⅝, ¾, ⅞, 1, 1¼, 1½, 1¾, 2 " "	21.15

STANLEY SOCKET CHISELS

ONE PIECE SOCKET CHISELS

These Chisels are reinforced at the socket end by a knurled ring and will take a hard blow on the handle without splitting the socket. Hickory handles. Made from high quality Swedish steel.

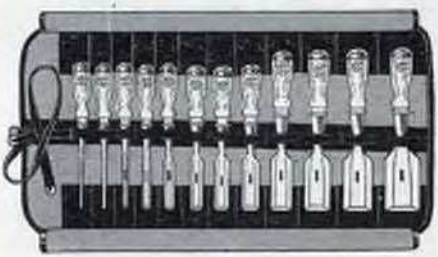
Bevel Edge Pocket Chisel

No.	Blade	Overall	Each
440	1/4 in.	10 5/8 in.	1.10
	3/8 "	10 5/8 "	1.10
	1/2 "	10 5/8 "	1.10
	5/8 "	10 5/8 "	1.20
	3/4 "	10 5/8 "	1.30
	7/8 "	10 5/8 "	1.40
	1 "	10 5/8 "	1.45
	1 1/8 "	10 5/8 "	1.50
	1 1/4 "	11 5/8 "	1.65
	1 1/2 "	11 5/8 "	1.90
	1 3/4 "	11 5/8 "	2.00
	2 "	11 5/8 "	2.25

Bevel Edge Butt Chisel

No.	Blade	Overall	Each
450	1/4 in.	8 1/2 in.	1.00
	3/8 "	8 1/2 "	1.00
	1/2 "	8 1/2 "	1.00
	5/8 "	8 1/2 "	1.05
	3/4 "	8 1/2 "	1.10
	7/8 "	8 1/2 "	1.20
	1 "	8 1/2 "	1.30
	1 1/8 "	8 1/2 "	1.35
	1 1/4 "	9 1/2 "	1.50
	1 1/2 "	9 1/2 "	1.65
	1 3/4 "	9 1/2 "	1.95
	2 "	9 1/2 "	2.10

SOCKET CHISELS IN SETS



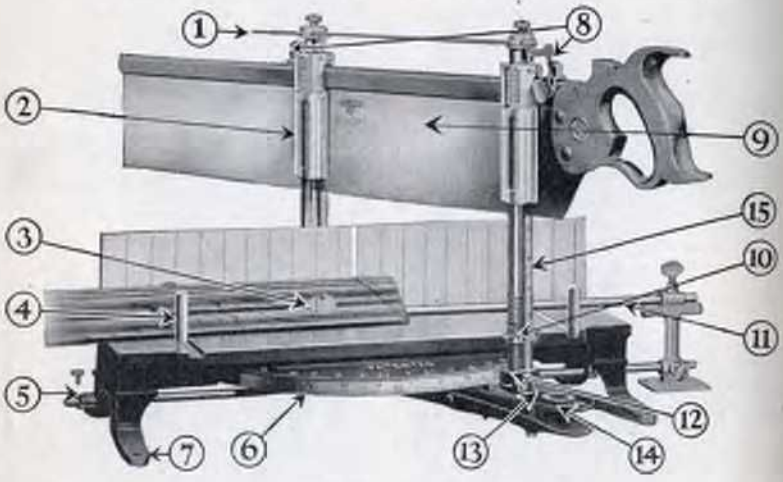
No.		Each
446	Contains six No. 440 Pocket Socket Chisels as follows: One each 1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2"	8.50
449	Contains nine No. 440 Pocket Socket Chisels as follows: One each 1/4", 1/2", 3/8", 1/2", 5/8", 3/4", 7/8", 1 1/4", 1 1/2"	11.70
452	Contains twelve No. 440 Pocket Socket Chisels as follows: One each 1/4", 1/2", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/4", 1 1/2", 1 3/4", 2"	16.88

No.		Each
466	Contains six No. 450 Butt Socket Chisels as follows: One each 1/4", 1/2", 3/4", 1", 1 1/4", 1 1/2"	7.58
469	Contains nine No. 450 Butt Socket Chisels as follows: One each 1/4", 1/2", 3/8", 1/2", 5/8", 3/4", 1", 1 1/4", 1 1/2"	10.35
472	Contains twelve No. 450 Butt Socket Chisels as follows: One each 1/4", 1/2", 3/8", 1/2", 5/8", 3/4", 7/8", 1", 1 1/4", 1 1/2", 1 3/4", 2"	15.15

STANLEY MITRE BOXES

FIFTEEN SUPERIOR FEATURES

Applicable to Mitre Boxes Nos. 240, 242, 244, 246, 346, 358, 460 and A358

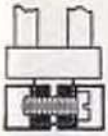


1. Tie Bar at the top gives great rigidity to the uprights.
2. Maximum amount of guidance for saw in all positions.
3. Adjustable Spurs in back keep work from slipping.
4. Stock Guides hold all ordinary work as well as odd shapes and pieces, tightly against the back.
5. Pointed Screws level the box and stop it from sliding.
6. Quadrant is graduated in degrees and is also numbered for sawing 3, 4, 5, 6, 8, 12 and 24 sided figures. Swivels can be clamped rigidly in any position.
7. Detachable Legs of Malleable iron.
8. Automatic Catches hold the saw above work so that both hands can be used to place the work. They release the saw when the trip engages the front catch.
9. A first quality Back Saw.
10. Upright Bars, front and rear, have movable stops to aid in sawing to a given depth. The opposite Bars have positive stops operating on a thread.
11. Length stop makes it possible to saw duplicate pieces of practically any length. It can be used either right or left hand.
12. Uprights can be turned to take up the play of a saw of any thickness.
13. Uprights can be adjusted laterally to counteract improper sharpening of saw.
14. Two Sockets permit the use of a long or short saw.
15. Can be made compact for carrying by removing the uprights.

STANLEY MITRE BOXES

Below are described in detail several important features that are of special value on the Stanley Mitre Boxes shown on the following pages.

1



2

Cut 1 shows the method of tightening the upright in the Stanley Boxes, shown on pages 130 and 131, which is by a large screw drawing a tapered socket into a tapered hole and locking it.

Cut 2 shows the method in the No. 50½ Mitre Boxes, shown on page 132, where the socket fits into a split swivel and is locked by a screw drawing the split swivel together.

In either box, before finally locking the saw guide, care should be taken to set the uprights so that they are the proper distance apart for the working of the saw. Saws vary in thickness and a different setting is required for each saw.

Cut 3 shows the bars set for the narrowest and Cut 4 for widest saw play.

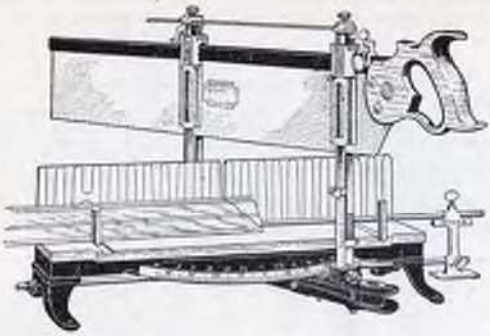
3

4

The Swivel Arm on the Stanley Boxes Nos. 240 to 460 has a tapered index pin which engages in holes on the under side of the quadrant. These holes are made at the commonly used angles, allowing 3, 4, 5, 6, 8, 12 and 24 sided pieces to be cut. To set the swivel arm at other angles or to make a slight change of position at a designated angle, the index pin can be held down by inserting a brad in the small hole in the bottom of the pin. The swivel arm can then be set and will automatically fasten at any angle desired.

The Clamping Lever under the front of the swivel arm may be held up by means of a swinging thumb lever, permitting the saw and swivel arm to be swung to any line of the quadrant or to a line marked on the board to be sawed. When released, the swivel arm automatically locks.

STANLEY MITRE BOXES



The Back and Frame, Graduated Quadrant and Swivel Arm Bearing are in one piece.

The Saw Guide Uprights, front and back, are graduated in sixteenths of inches, and movable stops can be set to the depth of the cut desired.

The Index Sight Plate, at bottom of front saw guide upright, enables the workman to accurately set the swivel arm to one of the index holes or to any degree of graduation on the quadrant.

Stock Guides hold all ordinary work as well as irregular forms, and can be used as length gauges for duplicating short pieces.

The Length Stop permits of sawing duplicate pieces of practically any length and can be used either right or left hand.

Automatic Catches on the uprights hold the saw up, allowing the use of both hands in placing the work.

The Legs are detachable, and being of malleable iron, are unbreakable. Two cone-pointed screws on the rear legs prevent the Box sliding when in use.

A Tie Bar at the top of the uprights gives great rigidity.

The Two Adjustable Spurs in the back of the frame hold the work from slipping.

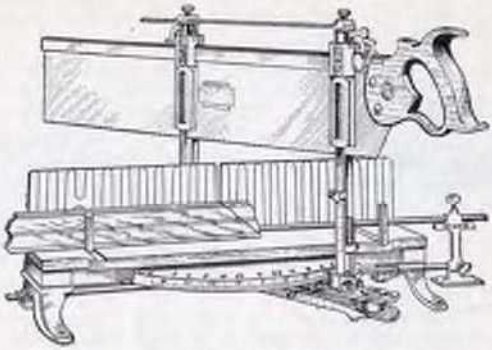
The Narrow Opening in the frame is specially adapted for sawing short work.

With each Box is furnished a Back Saw of the size noted in table.

No.	Back Saw	Capacity Right Angle	Capacity Mitre (45°)	Capacity at 30° without Stock Guide	Weight Box only	Each (With Saw)
240	20 x 4	8¼ in.	5½ in.	3½ in.	18 lbs.	**22.30**
242	22 x 4	8¼ "	5½ "	3½ "	18 "	**22.85**
244	24 x 4	8¼ "	5½ "	3½ "	18 "	**23.35**
246	26 x 4	8¼ "	5½ "	3½ "	20 "	**23.95**
346	26 x 4	9½ "	6½ "	4⅛ "	20½ "	**25.95**
358	28 x 5	9½ "	6½ "	4⅛ "	23½ "	**27.40**
460	30 x 6	11 "	7½ "	5⅛ "	28 "	**32.75**

For Price of Parts see Page 179

STANLEY ALUMINUM MITRE BOX



This new Mitre Box is exactly the same in design and variety of adjustments and working features as the regular line of Stanley Mitre Boxes shown on page 129.

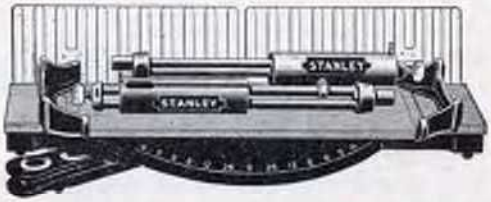
The difference lies in the fact that practically all parts are of Aluminum, which provides a Box much lighter in weight and one which will not rust.

The Aluminum Box is made in one size only, having a right angle capacity of 9½ inches, a mitre capacity (45 degrees) of 6½ inches and without stock guides (30 degrees) a capacity of 4⅛ inches.

With each Box is furnished a 28 x 5 Back Saw.

No.		Each (With Saw)
4358	28 x 5 Saw—Weight Box only, 10 lbs.	37.30

Stanley Mitre Box—Knocked Down



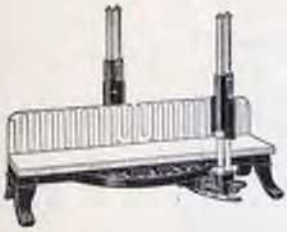
The above cut shows how Stanley Mitre Boxes can be "Knocked Down allowing them to be readily carried or packed.

All parts are interchangeable. The legs go into sockets and are tightened by a screw.

The Saw Guide Uprights are loosened or tightened by adjustment of only one screw.

For Price of Parts see Page 179

STANLEY MITRE BOXES



These Boxes are strong and accurate, though not having all the refinements of those shown on previous pages.

The back, frame, indexed quadrant and swivel arm bearing are in one piece and accurately machined. The quadrant is indexed for cutting 4, 5, 6, 8, 12 and 24 sided pieces. The swivel arm can be locked at any point desired.

The saw guide uprights can be adjusted to hold the saw without side play, thus insuring great accuracy in working.

Either a back saw or panel saw can be used. In using a panel saw put a nail through the two holes near the top of the rear saw guides to keep the saw in place.

Movable stops are attached to the Saw uprights permitting the saw to cut only to the desired depth. The No. 60½ Box is the No. 50½ with a 20 x 4 Back Saw.

No.	Capacity Right Angle	Capacity Mitre (45°)	Weight Box only	Each
50½ Box only, no saw	7¼ in.	4¼ in.	16 lbs.	**10.95**
60½ With Saw, 20 x 4	7¼ "	4¼ "	16 "	**16.45**

For Price of Parts see page 179

STANLEY OPEN FRONT MITRE BOX

The Stanley open front Mitre Box while simple in design and having only a few parts, is very substantially built and has adjustments which make it one of the most convenient moderate priced boxes made.

It will take stock up to 4 inches in height and on account of its open front, boards of extra width can be sawed at any angle between 45 and 90 degrees.

The swivel arm is provided with a latch pivot, which engages in slots in the frame of the ordinary Mitre cuts of 4, 6 and 8 sided frames and the swivel can also be locked at any angle by means of a set screw.

An adjustable length gauge is provided that acts as a stop for short work.

The saw guide can be adjusted for any thickness of saw and adjusted vertically to the base.

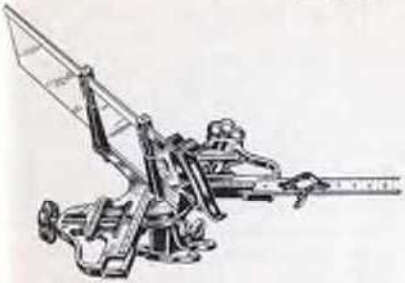
The Saw can be adjusted square with the back.

No.		Each
150	No Saw. Weight, Box only, 10 lbs.	**6.70**

For Price of Parts see Page 180

STANLEY MARSH PICTURE FRAME TOOLS

No. 100 MITER MACHINE

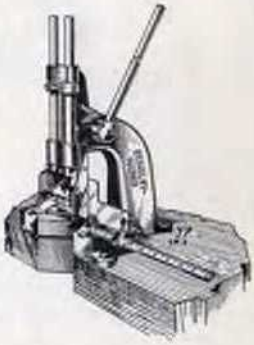


A strong and compact tool originally designed for the joining of picture frames; but now used extensively for all classes of woodwork. Any type of mitered joint may be readily cut, glued and nailed; and close, tight-fitting corners can be assured.

The saws furnished with the machine are made expressly for frame work and represent the highest type of modern saw manufacture. Each saw is fitted to its machine.

No.			Each
100	Miter Machine with 26 x 4½-inch saw	Net weight, 20 lbs.	19.00

No. 200 MITER CUTTER



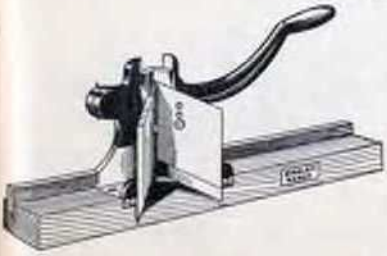
A hand lever machine fitted with a pair of knives, which cut at a single stroke the two sides of a mitered joint. It does rapid and perfect work, requires no skill to operate and is an ideal tool for the retail frame shop. It will reduce the cost of cutting frames more than half over other hand methods.

No. 200 is fitted to take moulding up to 3 inches in width and 2½ inches in height.

It is fitted with a steel scale graduated to ⅛ inches and mounted on a scale to accommodate different widths of moulding.

No.		Each
200		45.00
	Extra knives, per pair	9.50

No. 210 MITER CUTTER
Small Size



The No. 210 Miter Cutter is a hand lever machine designed for the rapid mitering of small wood mouldings, beadings and strips of various types. It is practical and substantial and will handle work within its range in an accurate and efficient manner.

No.		Each
210	Miter Cutter	25.00
	Extra Knives	9.50

STANLEY MARSH PICTURE FRAME TOOLS

No. 400 MITER VISE

The Miter Vise meets every requirement of a picture frame clamp for square corners. The jaws hold the two sides of the frame firmly in position for nailing. Provision is made for resawing the joint if it does not make up tight.

It will clamp any type or width of moulding less than 4 inches wide and join any frame larger than 3½ x 3½ inches. It has the universal base of the miter machine.

No.		Each
400	Miter Vise	7.00

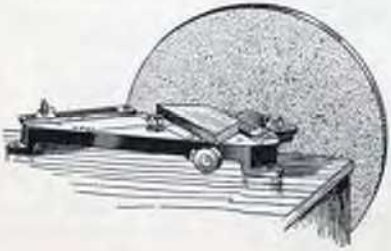
No. 410 OCTAGON VISE

The No. 410 Octagon Vise is arranged to join figures of eight sides. The angle of the cut for such figures is 67½°, and the total included angle of the joint is 135°. The vise holds the sides of a joint firmly in place for nailing. It has the same clamping arrangement and the universal base of the miter vise. Provision is made for resawing the joint if it does not make up tight. It will take any moulding less than 4 inches wide and clamp any octagon frame whose sides are 3½ inches or more.

No.		Each
410	Octagon Vise	7.00

No. 300 MITER SANDER

An accurate miter machine will make perfect joints only when the moulding is straight and true. Practically all moulding is warped, some so little that the sides of a frame may be sprung into place, others so much that the last joint is wide open. In the latter case, the angles must be cut out of true to bring them together, and this work may be done faster and better on a sander, before joining, than in any other way.



No.		Each
300	Miter Sander, complete	19.00
	Extra garnet discs, for No. 300 Miter Sander	.50

STANLEY SAW SETS AND SHOOT BOARD

"PISTOL GRIP" ADJUSTABLE SAW SETS

The shape of the Body and Handle enables the user to operate the tool with great ease as the saw set is held in a comfortable and natural position. The saw is held firmly against the gauge while the tooth is being set. The saw teeth are in plain view which enables the user to quickly adjust the tool to the tooth to be set.

They can be readily adjusted to give a greater or less set to the teeth of the saw, according as the saw is to be used for coarse or fine work. As the anvil or part against which the plunger works is graduated, the same adjustment can be easily obtained for duplicate work.

No. 43 is adjustable for thickness of Saw Blade. The Stop Plate should be set to bring the side of the saw flat against the highest point of the anvil and secured by means of the binding screw.

For Back and Panel Saws

No.		Each
42	Black Finish	2.30
42N	Nickel Plated	2.80

For Cross Cut Saws

No.		Each
43	Black Finish	4.35

SHOOT BOARD AND PLANE

For Pattern Makers, Cabinet Makers, Printers, Picture Framers, and Electrotypers. Amateurs will also find this tool very useful. The Board is of ribbed construction, and has an adjustable runway for the Plane, accurately machined. The Swivel can be locked at any angle between zero and ninety degrees. The Swivel is fitted with a sliding back supporting the work to the edge, and with a sliding Back Clamp to hold any shaped work in position. The Plane is especially constructed for the Board, and has Rosewood handle and knob. The cutter has adjustment for depth of cut, also a lateral adjustment, so that a cut giving any ordinary draft to a pattern can be made. Being set on a skew (see page 85) it will make a very smooth, clean cut.

SHOOT BOARD AND PLANE

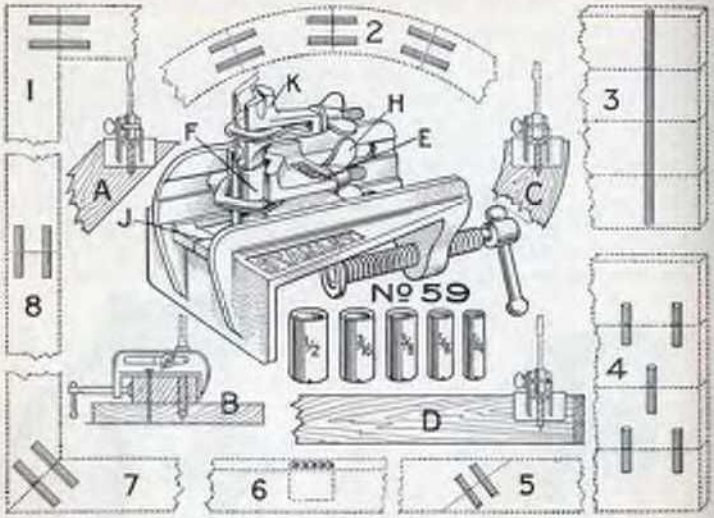
No.		Each
52	22in. long, Plane 15in. long, 2⅜in. Cutter	19.70

PLANE ONLY

No.		Each
51	15 in. long, 2⅜ in. Cutter	7.90

For Prices on Plane Irons and Plane Parts see page 177

STANLEY DOWELING JIGS



This tool is for the purpose of enabling the user to bore dowel holes in the edge, end or surface of work with ease and accuracy. It will take any thickness of material up to three inches. It is also an excellent bit guide for mortising.

With the Doweling Jig the steel guide is automatically set to guide the bit properly when the Jig is clamped to the work.

A depth gauge "K" is also furnished which can be used with or without the Jig. Where used without the Jig, the gauge should be set with the large end towards the point of the bit, but in using same with the Jig it should be set with the small end down, as shown in the cut.

Fig. A shows the proper way of attaching the Jig when boring dowel holes on mitred or special work.

Fig. B shows the method used in boring dowel holes in the surface of a board. For this work it is necessary that a temporary block be nailed to the board as shown in illustration.

Fig. C shows how the Jig should be attached to the work when doweling segments of circles.

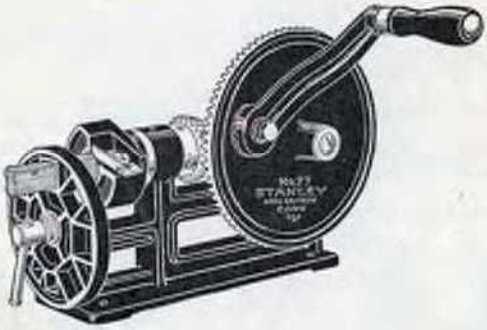
Fig. D the setting of the Jig for all kinds of ordinary doweling.

Figs. 1 to 8 show various forms of work where the Jig can be used to good advantage.

The Jig is made entirely of metal, the working parts being milled true. All parts are nickel plated.

No.		Each
59 with 5 Guides	(1 each 1/4, 5/16, 3/8, 7/16 and 1/2 inch)	2.80
60 " 9 "	(1 each 1/4, 5/16, 3/8, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4 inch)	4.05

STANLEY DOWEL AND ROD TURNING MACHINE



A tool that will appeal to cabinet makers, pattern makers, furniture manufacturers and especially to supervisors and instructors of industrial education.

It will not only cut dowels of varying sizes and lengths to perfect dimensions, but with it one can also form rods of practically any length.

Ready made or stock dowels have a tendency to warp and shrink, making them very unsatisfactory to use where a close fit is desired.

With this machine the workman can cut his dowels when he is ready to use them and furthermore, of the same material as the wood being worked.

It is designed to be operated by hand, and the crank can be adjusted for a long or short throw, giving power or speed to the machine as desired.

One cutter head complete for making dowels or rods 3/8 inch in diameter is furnished with each machine.

Additional cutter heads with cutters 1/4, 3/16, 5/16, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4 inches can be furnished if desired. These cutters are adjustable so that the dowels or rods can be made for a tight or loose fit.

A workman whose tool equipment includes one of these machines and a Stanley Doweling Jig can make doweled joints with surprising quickness and accuracy.

No.		Each
77	Doweling Machine, with 3/8 inch Cutter Head	12.00
	Additional Cutter Heads	1.20

STANLEY VISES

These are strong, serviceable tools, and on account of their convenient size and many uses to which they can be put, are a valuable addition to the tool kit of any household.

The Screw, (Body, Head and Collar) is of one piece of steel with a square lathe-cut thread working in a malleable nut. A patented, hardened split washer is placed under the head of the screw to take up the wear.

Particular attention is called to the hardened steel jaws on the No. 761, No. 772 and No. 752 lines, which materially add to the life of the vise. Both front and back jaws of all styles are ground to insure that they meet squarely when tight.

Can be furnished in three styles of bases.

CLAMP BASE

These Vises have ample clamping capacity, as they can be clamped to a board or bench up to 2¾ inches thick.

The Clamping Screws are of the vise handle type, which allows the vise to be more easily and securely fastened to the bench than does the ordinary thumb screw. The Clamping Washer has a large bearing surface. They are also provided with holes so that they may be permanently secured to the bench if desired.

Steel Jaws

No.		Each
761	1½ in. Jaws	1.95
762	1¾ " "	2.25
763	2 " "	2.65
764	2¼ " "	3.00
765	2½ " "	3.60
766	3 " "	5.25

Iron Jaws

No.		Each
741	1½ in. Jaws	1.50
742	1¾ " "	1.80
743	2 " "	2.20
744	2¼ " "	2.65
745	2½ " "	3.00
746	3 " "	4.75

SWIVEL BASE

Steel Jaws

The base plate is fastened to the bench, the vise rests on this plate and can be turned to the right or left as desired and firmly locked by means of a clamping nut.

No.		Each
772	1¾ in. Jaws	2.25
773	2 " "	2.70
774	2¼ " "	3.30
775	2½ " "	4.00
776	3 " "	5.40

STATIONARY BASE

Steel Jaws

In the stationary base style, the vise itself is permanently secured to the bench in a fixed position.

No.		Each
752	1¾ in. Jaws	2.25
753	2 " "	2.70
754	2¼ " "	3.30
755	2½ " "	4.00

STANLEY MISCELLANEOUS TOOLS

JOINTER GAUGE FOR IRON PLANES

For use in connection with all sizes of Iron Jack or Jointer Planes.

It enables the workman to plane bevels of any angle between 30 and 90 degrees, or to square up the edges of boards with extreme accuracy.

It may be attached to either side of the Plane making it equally adaptable for right or left hand work.

A wood face of any desired size may be attached, increasing the bearing surface of the face of the Gauge.

No. 386 Nickel Plated — Each 2.25

BENCH BRACKET

Easily applied. It simply requires that one or more holes be bored in the front of the bench.

The body of the Bracket is made of iron—japanned, and the clamp screw is strong, well threaded and nickel plated.

No. 203 — Each .70

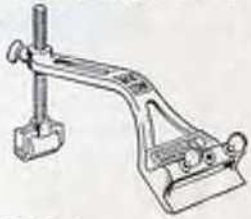
CORNERING TOOLS

These tools are used by pattern-makers and all wood-workers for rounding sharp edges. They have a different size cutter at each end and their form is such that no depth gauge is required.

No.		Each
28	¼ and ½ inch Cutter	.40
29	⅜ " ¾ " "	.40

CUTTER AND CHISEL GRINDER

A device for holding Plane Irons, Chisels, etc., that they may be ground or honed to any desired angle or bevel, insuring an accuracy that is very difficult to obtain when the tool is held in the hand. Made entirely of metal.



No. 200 Nickel Plated — Each 1.60

BENCH STOP

A new design made from high grade steel. It can be inserted in any bench by boring a 3/16 inch hole. Its height is adjustable; a stiff spring holds it in place. Nickel Plated.

No. 207 Length overall 3 1/4 inches — Each .50

PORTABLE BENCH DOG

This tool will be found most convenient for all kinds of work requiring the use of a Bench Dog, especially where a well appointed work bench is not available.

One or more can be so placed as to securely hold a board or other work in almost any position required.

Even in connection with a fixed or permanent Bench Dog, it will be found useful to hold steady the other end of a board while being worked.

Made entirely of metal, with well sharpened points and blued finish.

No. 202 — Each .30

STANLEY SCREW DRIVERS

"ONE HUNDRED PLUS"

Handle is made from tough hickory. Handle of No. 1001 is capped with leather washers—the strongest known handle to withstand pounding. Comfortable, fluted grip. Blade is forged from one piece of steel and tempered its entire length.

Special wing construction on the tang of the blade fastens the handle and blade together so firmly it is beyond the strength of a man to twist the handle from the blade.

Tips will not chip when used on the most stubborn screws. Special care to secure equal flatness on both sides of tip reduces the tendency to turn out of the screw slot.

STANDARD BLADE AND TIP

No.	Blade	Diam.	Overall	Each
1001	3 in.	3/16 in.	7 in.	.65
	4 "	3/16 "	9 "	.65
	5 "	5/16 "	11 "	.75
	6 "	5/16 "	12 "	.85
	8 "	3/8 "	14 3/16 "	1.00
	10 "	3/8 "	16 3/4 "	1.25
	12 "	7/8 "	18 3/4 "	1.50

CABINET MAKERS BLADE AND TIP

No.	Blade	Diam.	Overall	Each
1003	3 in.	5/16 in.	6 3/4 in.	.60
	4 "	5/16 "	7 3/4 "	.60
	5 "	5/16 "	8 3/4 "	.65
	6 "	5/16 "	9 3/4 "	.75
	8 "	5/16 "	11 3/4 "	.80
	10 "	5/16 "	13 3/4 "	1.00
	12 "	5/16 "	15 3/4 "	1.25

STANLEY SCREW DRIVERS

STANLEY "HURWOOD"

These Screw Drivers are unsurpassed for strength, durability, accuracy of tips, quality of handles and general appearance. All blades are exceptionally well finished and tempered.

THE BLADE, SHANK AND HEAD are formed from one piece of special steel. The shank passes through the handle and ferrule and is pinned, as shown in cut.

THE HEAD has two projecting wings, which together with the pin keep the shank from turning in the handle.

ELECTRICIANS SCREW DRIVERS, so termed, have the head countersunk in the handle and insulated by a non-conducting plug of a hard material.

STANLEY

Stanley Screw Drivers Nos. 70 and 75 (page 146) have projecting wings swedged on the shank and forced into the handle. The shank, handle and ferrule have a pin passing through them, which together with the swedged shank, securely fastens the blade to the handle. The blades are tempered.

No. 80 Screw Drivers (page 147) have two pairs of ears swedged on the ends in the handle securely fastening them.

THE TIPS in both the Stanley "Hurwood" and Stanley lines of Screw Drivers in addition to a full variety of sizes of Standard Tips are made with so-called Cabinet Makers Tips in which the sides of the tip are parallel instead of being tapered. The width of the tip being the same as the diameter of the shank, permits a countersunk screw to be followed up. All tips are carefully hardened and tempered.

STANLEY "HURWOOD" REGULAR SCREW DRIVERS

The blades are of the standard type with proportionate tips and handles. The handles are fluted and stained black.

STANDARD HEAD

No.								Each
20	2½ in.	Blade	7/32 in.	dia.	6½ in.	overall		.30
3	"	"	7/32 "	"	8	"	"	.35
4	"	"	¼ "	"	9	"	"	.40
5	"	"	5/16 "	"	10½	"	"	.50
6	"	"	5/16 "	"	11¾	"	"	.60
8	"	"	⅜ "	"	15	"	"	.70
10	"	"	⅜ "	"	17	"	"	.90
12	"	"	⅜ "	"	19	"	"	1.05
18	"	"	½ "	"	27¼	"	"	1.65
24	"	"	½ "	"	33¼	"	"	2.20
30	"	"	½ "	"	39¼	"	"	2.70

INSULATED HEAD (ELECTRICIANS)

No.								Each
25	2½ in.	Blade	7/32 in.	dia.	6½ in.	overall		.30
3	"	"	7/32 "	"	8	"	"	.35
4	"	"	¼ "	"	9	"	"	.40
5	"	"	5/16 "	"	10½	"	"	.50
6	"	"	5/16 "	"	11¾	"	"	.60
8	"	"	⅜ "	"	15	"	"	.70
10	"	"	⅜ "	"	17	"	"	.90
12	"	"	⅜ "	"	19	"	"	1.05
18	"	"	½ "	"	27¼	"	"	1.65

STANLEY "HURWOOD" CABINET MAKERS SCREW DRIVERS

In this form of Driver, the sides of the tip are parallel instead of being tapered, the width of the tip being the same as the diameter of the shank. This permits a countersunk screw to be followed up without marring or damaging the work.

The handles are fluted and stained black.

STANDARD HEAD

No.				Each
40	2½ in. Blade	7/32 in. dia.	6½ in. overall	.30
	3 " "	7/32 " "	7½ " "	.35
	4 " "	¼ " "	9 " "	.40
	5 " "	¼ " "	10 " "	.50
	6 " "	¼ " "	11 " "	.60
	8 " "	¼ " "	13 " "	.70
	10 " "	¼ " "	15 " "	.90
	12 " "	¼ " "	17 " "	1.05

INSULATED HEAD (ELECTRICIANS)

No.				Each
45	2½ in. Blade	7/32 in. dia.	6½ in. overall	.30
	3 " "	7/32 " "	7½ " "	.35
	4 " "	¼ " "	9 " "	.40
	5 " "	¼ " "	10 " "	.50
	6 " "	¼ " "	11 " "	.60
	8 " "	¼ " "	13 " "	.70
	10 " "	¼ " "	15 " "	.90
	12 " "	¼ " "	17 " "	1.05

STANLEY "HURWOOD" SMALL BLADE SCREW DRIVERS

This line of Screw Drivers is designed for light and delicate work. The blades are made of very small stock and the tapered tips of a proportionate size. The handles are short and of small diameter so that they just fit the palm of the hand, permitting the use of thumb and forefinger against the shoulder (near the ferrule) when turning screws requiring delicate adjustment.

The handles are fluted and stained black.

STANDARD HEAD

No.				Each
50	1½ in. Blade	11/64 in. dia.	4⅛ in. overall	**.30**
	2½ " "	11/64 " "	6¼ " "	**.30**
	3 " "	11/64 " "	6½ " "	**.35**
	4 " "	11/64 " "	7½ " "	**.40**
	5 " "	11/64 " "	8½ " "	**.50**
	6 " "	11/64 " "	9½ " "	**.60**
	8 " "	11/64 " "	11½ " "	**.70**
	10 " "	11/64 " "	13½ " "	**.90**
	12 " "	11/64 " "	15½ " "	**1.05**

INSULATED HEAD (ELECTRICIANS)

Particularly adapted for light electrical work, as the tip fits the countersink in the porcelain fittings.

No.				Each
55	1½ in. Blade	11/64 in. dia.	4⅛ in. overall	**.30**
	2½ " "	11/64 " "	6¼ " "	**.30**
	3 " "	11/64 " "	6½ " "	**.35**
	4 " "	11/64 " "	7½ " "	**.40**
	5 " "	11/64 " "	8½ " "	**.50**
	6 " "	11/64 " "	9½ " "	**.60**
	8 " "	11/64 " "	11½ " "	**.70**
	10 " "	11/64 " "	13½ " "	**.90**
	12 " "	11/64 " "	15½ " "	**1.05**

STANLEY SPECIAL SCREW DRIVERS

"HURWOOD BABY"

A handy little tool for the vest pocket, only four inches long over all and will work a good sized screw. Same design as the regular "Hurwood," thus insuring strength. The handle is fluted and stained black.

No.		Each
21	1½ in. Blade, ⅛ in. dia., 4½ in. overall	.30
31	Insulated Head, 1½ in. Blade, ⅛ in. dia. 4½ in. overall	.50

"HURWOOD HANDY"

Especially adapted for Plumbers and for work in places where a longer Driver cannot be used. The handle has a smooth surface and is stained black, while its peculiar shape furnishes a very strong grip.

No.		Each
60	1¾ in. Blade, ⅛ in. dia. 5½ in. overall	.40

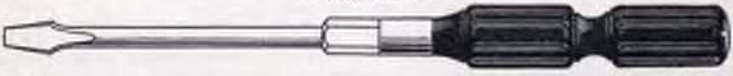
"HURWOOD" MACHINISTS SCREW DRIVERS

These are especially adapted for heavy work where a long driver cannot be conveniently used. Nos. 51½, 52½, 53½ and 54 are made with a hexagon shank for use with a wrench. No. 54 has a long double grip handle. The handles are fluted and stained black.

No.		Each
51	1¾ in. Blade, ⅜ in. dia., 5½ in. overall	.40
52	3 " " ⅞ " " 7½ " "	.75
53	4 " " ½ " " 9¼ " "	1.00

No.		Each
51½	1½ in. Blade, ⅜ in. dia., 5½ in. overall	.65
52½	2½ " " ⅞ " " 7½ " "	1.00
53½	3¼ " " ½ " " 9¼ " "	1.25

Double Grip



No.		Each
54	8 in. Blade, ½ in. dia., 18¼ in. overall	2.55

"LITTLE MASCOT" SCREW DRIVERS

A small light Screw Driver. The blade is made of one piece of steel carefully tempered with a pair of ears swedged on the end in the handle, securely fastening it. The handle is fluted, stained black, and neatly ferruled.

No.		Each
121	1½ in. blade, ⅜ in. dia., 3¼ in. overall	.15

No.		Each
121	3 in. blade, ⅛ in. dia., 4¾ in. overall	.20

STANLEY SCREW DRIVERS

These Screw Drivers have round steel blades, with two pair of ears swedged on the end in the handle, which, together with a pin riveted through the steel ferrule, handle and shank, prevents its turning. The handles are of hardwood, fluted and stained red.

STANDARD BLADE AND TIP

No.	Blade		Overall	Each	No.	Blade		Overall	Each
70	2½ in.	7/32 in. dia.	6½ in.	.25	170	2½ in.	7/32 in. dia.	8 in.	.20
	3 "	1/8 " "	8 "	.25		3 "	7/32 " "	8 "	.20
	4 "	3/16 " "	9 "	.30		4 "	3/16 " "	9 "	.25
	5 "	5/16 " "	10½ "	.30		5 "	5/16 " "	10½ "	.25
	6 "	5/16 " "	11¾ "	.35		6 "	5/16 " "	11¾ "	.30
	8 "	3/8 " "	15 "	.45		8 "	3/8 " "	15 "	.40
	10 "	3/8 " "	17 "	.55		10 "	3/8 " "	17 "	.50
	12 "	3/8 " "	19 "	.70		12 "	3/8 " "	19 "	.60
	15 "	7/16 " "	22¾ "	.80					
	18 "	½ " "	27¼ "	1.00					

CABINET MAKERS BLADE AND TIP

In this form of Driver, the sides of the tip are parallel instead of being tapered, the width of the tip being the same as the diameter of the shank. This permits of a countersunk screw being followed up without marring or damaging the work.

No.						Each
75	2½ inch	Blade,	7/32 inch	diameter,	6½ inches overall	.25
	3 "	"	1/8 "	"	7½ " "	.25
	4 "	"	3/16 "	"	9 " "	.30
	5 "	"	3/16 "	"	10 " "	.30
	6 "	"	3/16 "	"	12 " "	.35
	8 "	"	3/16 "	"	13 " "	.45
	10 "	"	3/16 "	"	15 " "	.55
	12 "	"	3/16 "	"	17 " "	.70

EXTRA SMALL BLADE AND HANDLE

This line of Screw Drivers is designed for light and delicate work. The blades are made of very small stock and the tapered tips of a proportionate size. The handles are short and of small diameter so that they just fit the palm of the hand, permitting the use of thumb and forefinger against the shoulder (near the ferrule) when turning screws requiring delicate adjustment.

No.						Each
77	1½ inch	Blade,	11/64 inch	diameter,	4½ inches overall	.25
	3 "	"	1/8 "	"	6½ " "	.25
	4 "	"	3/16 "	"	7½ " "	.30
	5 "	"	3/16 "	"	8½ " "	.30
	6 "	"	3/16 "	"	9½ " "	.35
	8 "	"	3/16 "	"	11½ " "	.45
	10 "	"	3/16 "	"	13½ " "	.55
	12 "	"	3/16 "	"	15½ " "	.70

STANLEY SCREW DRIVERS

These screw drivers have round steel blades, with two pair of ears swedged on the end in the handle, securely fastening them. The tips take the standard form throughout, and neat substantial ferrules are used. Handles stained red.

No.							Each
80	2½ inch Blade,	7/32 inch diameter,	6	inches overall			.15
3	" "	7/32 " "	6½	"	"		.15
4	" "	¼ " "	8¼	"	"		.15
5	" "	5/16 " "	9¾	"	"		.20
6	" "	5/16 " "	11¼	"	"		.20
8	" "	3/8 " "	14¼	"	"		.30
10	" "	3/8 " "	16¼	"	"		.40
12	" "	3/8 " "	18¼	"	"		.45

RADIO SCREW DRIVERS

A handy screw driver for light work. The blades are made of small stock and the width of the tip is the same as the diameter of the shank. Handle fluted and stained black.

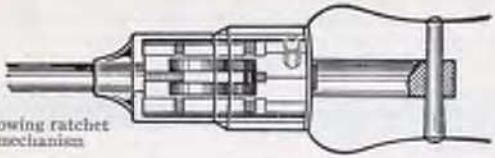
No.							Each
177	2 inch Blade,	3/64 inch diameter,	5¾	inches overall			.25
3	" "	3/64 " "	6¾	"	"		.30
4	" "	3/64 " "	7¾	"	"		.35
5	" "	3/64 " "	8¾	"	"		.35
6	" "	3/64 " "	9¾	"	"		.40
8	" "	3/64 " "	11¾	"	"		.55

ATTRACTIVELY COLORED HANDLES—STANDARD BLADE AND TIP

This is an inexpensive, serviceable screw driver for home use. The handles are of hardwood shaped and fluted to provide a comfortable grip. Ears on the shank of the blade in the handle prevent it from turning. The handles are finished in a two color combination—black with green, red, blue or yellow.

No.							Each
270	4 in. Blade,	¼ in. Dia.,	9	in. Overall			.25
5 "	"	5/16 " "	10½	"	"		.25
6 "	"	¾ " "	11¾	"	"		.25

STANLEY RATCHET SCREW DRIVERS



Showing ratchet mechanism

The Ratchet mechanism (Patented) is the most substantial type and possesses long wearing qualities. All parts are machine made and are accurate, should it be necessary at any time to replace parts the owner can readily do so. Handles are securely fastened to the mechanism with tapered steel pins which prevent the handles from turning.

No. 215

An exceptionally attractive and well-made Screw Driver. The blades are of high grade tool steel, carefully hardened and tempered. Cocobolo handles. Sturdy ratchet mechanism.

No.	Blade	Overall	Each
215	2 in. 3/16 in. dia.	6 3/4 in.	.95
	3 " 7/32 " "	7 3/4 "	1.00
	4 " 9/32 " "	9 1/2 "	1.15
	5 " 5/16 " "	10 1/2 "	1.25
	6 " 3/8 " "	11 1/2 "	1.35
	8 " 5/16 " "	13 3/4 "	1.55

No. 216

Designed especially for cabinet makers. The sides of the tips are parallel, enabling the user to follow up a countersunk screw without damaging the work. Knurled rotating Finger Grip assists in starting the screw quickly.

No.	Blade	Overall	Each
216	2 in. 3/16 in. dia.	5 1/4 in.	1.15
	3 " 5/32 " "	6 3/4 "	1.20
	4 " 3/16 " "	7 1/2 "	1.25
	5 " 3/16 " "	8 1/2 "	1.30
	6 " 5/32 " "	9 3/4 "	1.35

STANLEY "HURWOOD" ICE PICKS AND AWLS

The blade, shank and head are formed of one piece of steel. Two projecting wings under the head, together with a rivet which passes through the steel ferrule, handle and shank, securely fasten the blade in the handle as described in detail on page 137. The handles are stained black. All points are carefully tempered.

ICE PICK

Needle points. No chopping is necessary; simply *push* the point through the ice.

No.		Each
B	Blade 5½ inches, diameter 7/16 inch, length 9 inches overall, Needle Point	.45

ICE PICK

No.		Each
C	Blade 5½ inches, diameter 7/16 inch, length 9 inches overall, Needle Point	.45

ICE PICK

A hexagonal iron band around the handle will be found convenient for breaking the ice into small pieces, and it prevents the pick from rolling when laid down.

No.		Each
D	Blade 5½ inches, diameter 7/16 inch, length 9 inches overall, Needle Point, Metal Ring	.75

BELT AWL

No.		Each
9	Blade 4¼ inches, diameter ¼ inch, length 8½ inches overall, Eye Point	.40

BRAD AWL

No.	Blade	Dia. of Point	Overall	Each
17	1 in.	1/16 in.	4¾ in.	.35
	1¾ "	3/64 "	5 "	.35
	1½ "	1/32 "	5¼ "	.35
	1⅝ "	1/64 "	5⅜ "	.35

SCRATCH AWL

No.		Each
6	Blade 2¾ inches, diameter 7/16 inch, length 5⅜ inches overall, Needle Point	.35

SCRATCH AWL

No.		Each
7	Blade 3½ inches, diameter ¼ inch, length 6½ inches overall, Needle Point	.40

TINNERS AWL

No.		Each
8	Blade 3¾ inches, diameter ⅜ inch, length 7½ inches overall, Needle Point	.40

STANLEY MISCELLANEOUS TOOLS

AWL HAFTS

This line of Awl Hafts is carefully made of well seasoned wood. Particular attention is called to the X6 Peg Awl, which has a four jaw knurled chuck.

No.		Each
6	Peg Awl, Leather Top, Steel Chuck	.20

No.		Each
X6	Peg Awl, Leather Top, Four Jaw Steel Chuck	.35

No.		Each
6½	Sewing Awl, Steel Chuck	.20

TACK HAMMERS

The head is magnetized.

No.		Each
2	4 inch Head, 11½ inch Handle	.20

The head, handle and claw are one piece of malleable iron. The sides of the handle are inlaid with two wooden strips securely riveted in place.

No.		Each
4	4 inch Head, 10¾ inch Handle	.55

UPHOLSTERERS TACK HAMMERS

The head is magnetized and made of highest quality steel.

The handle is made from straight grained hickory.

No.		Each
163	4¾ inch head 12 inches overall	1.25

SCRATCH AWLS

The handles are of hard wood, brass ferruled.

No.		Each
1	Blade 3 in. dia., ⅜ in. Needle Point	.15
2	" 3½ " " 5/16 " " "	.15

BRAD AWLS

No.		Each
3	Small Flat Points	.20

PATENT PENCIL CLASP

For attaching to a pair of ordinary dividers.

No.		Each
8	1¼ inches long, Nickel plated	.15

CHALK LINE REELS

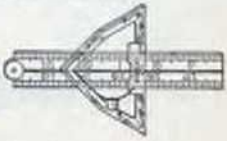
Made of hardwood and polished. A No. 1 Scratch Awl is furnished with the No. 14 Reel.

No.		Each
11	Length 4 inches, diameter 2¼ inches	.15
12	" 2¾ " " 2 "	.15
14	" 2¾ " " 2 "	.30

with No. 1 Scratch Awl

3-ANGLE RULE TOOL

It can be easily attached to any two foot rule that is one inch in width.



No.		Each
2	Nickel Plated	.90

STANLEY MISCELLANEOUS TOOLS

NAIL SETS

These are made of a high grade of special tool steel, hardened at both ends and blued. The Head is so shaped that there is little possibility of hammer slipping from the tool. The Tips are nicely Cupped and Chamfered, carefully oil tempered and will stand the most severe test under all conditions. Made with either round knurled, or square shanks.

No.		Each
11	1/16 in. Tip 4 in. long	.15
	1/64 " " 4 " "	.15
	3/32 " " 4 " "	.15
	1/8 " " 4 " "	.15
	5/32 " " 4 " "	.15

No.		Each
11½	1/16 in. Tip 4 in. long	.20
	1/64 " " 4 " "	.20
	3/32 " " 4 " "	.20
	1/8 " " 4 " "	.20
	5/32 " " 4 " "	.20

CENTER PUNCHES

These are made of the same high grade Steel as are Stanley Nail Sets and are hardened and blued. The Tips are accurately shaped so that the extreme point is always in the center of the tool.

No.		Each
10	1/16 in. Tip 4 in. long	.20
	1/8 " " 4 " "	.20
	5/32 " " 4 " "	.20

MACHINISTS CHISELS AND PUNCHES

Forged from a high grade of tool steel. Points and heads highly polished, balance of the tool black japanned.

MACHINISTS CHISELS

Hand Cold

Made of finest electric steel that insures a tough cutting bit. **Important**—a cold chisel that is soft enough to re-sharpen with a file but tough enough to do the hardest work.

No. 99						
Size of Stock	3/8	1/2	5/8	3/4	7/8	1 in.
Width of Bit	7/16	5/8	3/4	7/8	1	1 1/4 in.
Length	5 1/2	6 1/4	7	7 1/2	8	8 1/2 in.
Each	.40	.50	.65	.80	.95	1.10

Hand Cold

No. 1A							
Width of Bit	3/16	1/4	5/16	3/8	7/8	1	1 1/4 in.
Size of Stock	1/4	3/8	1/2	5/8	3/4	7/8	1 "
Length	5	5 1/2	6	6 1/2	7 1/2	8	8 1/2 "
Each	.40	.45	.50	.60	.80	1.15	1.35

Cape

No. 2A						
Width of Bit	1/4	5/16	3/8	1/2	5/8	3/4 in.
Size of Stock	1/2	1/2	5/8	3/4	7/8	1 "
Length	6	7	7	7 1/2	8	8 1/2 "
Each	.60	.60	.65	.75	1.00	1.10

Round Nose

No. 3A						
Width of Point	1/4	5/16	3/8	1/2	5/8	3/4 in.
Size of Stock	1/2	1/2	5/8	3/4	7/8	1 "
Length	6	7	7	7 1/2	8	8 1/2 "
Each	.60	.60	.65	.75	1.00	1.10

Diamond Point

No. 4A						
Size of Point	1/4	5/16	3/8	1/2	5/8	3/4 in.
Size of Stock	1/2	1/2	5/8	3/4	7/8	1 "
Length	6	7	7	7 1/2	8	8 1/2 "
Each	.60	.60	.75	.90	1.10	1.35

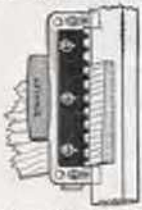
MACHINE PUNCHES

No. 6A									
Dia. of Point	1/16	3/32	1/8	3/16	1/4	5/16	7/16	1/2 in.
Size of Stock	5/8	5/8	1/2	1/2	1/2	3/4	5/8	3/4 "
Length	6	6	6	6	6	8	9	10 "
Each	.40	.40	.40	.40	.40	.40	.60	.75

STANLEY MISCELLANEOUS TOOLS

CLAPBOARD SIDING MARKERS

This tool can be used with one hand, while the other is employed in holding a clapboard in position. The marking blade is easily adjusted to any thickness of clapboard or siding. The sharp edges of the teeth are parallel with the legs when in position to mark. By moving the tool half an inch, it will mark a full line across the clapboard, exactly over and conforming to the edge of the corner-board.



No.		Each
88	8¾ inches long, 4 inches wide	1.10

CLAPBOARD SIDING GAUGE

Two thin steel blades, which form a part of the base of the tool, will slide under the last clapboard already laid. The clapboard can be held any width to the weather, by the graduated scale on the tool. After the tool is released, the mark left is so slight that painting alone will fill it.

No.		Each
89	8¾ inches long, 2½ inches wide	1.20

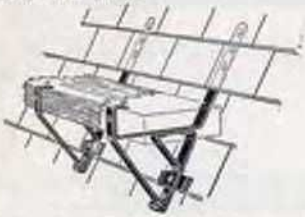
ROOFING BRACKETS

Made of steel, sturdily constructed, all parts are firmly riveted together. Easily applied and removed.

Shingles can be laid over the bracket and the bracket later removed by driving it upward, disengaging it from the nails.

No loose parts. No nail holes in the roof.

Especially designed for asphalt or other composition shingles. It can also be used in laying regular wood shingles.



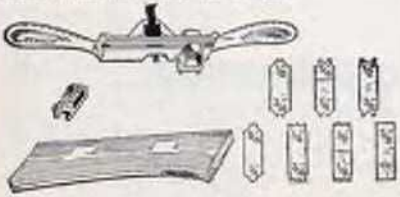
No.		Each
401	15¾ in. long, 3¾ in. wide	1.10

The parts are of spring steel and firmly riveted together. The bracket has two separate bearings on the roof, so formed that any increase of pressure from above increases its stability. The staging boards are held firmly in place by spurs and rails. No loose parts. No nail holes are made in the roof.

No.		Each
1	8 inches long, 1 inch wide, Japanned	.80

STANLEY HAND BEADERS

For beading, reeding or fluting straight or irregular surfaces—also adapted for light routering. It is fitted with two gauges; one for straight, the other for curved work. The sample illustrated shows some of the work that can be done.



With each tool are furnished 8 cutters, sharpened at both ends and embracing the following assortment;

6 Single Beads—⅛, 3/16, ¼, 5/16, ⅜, ½ inch
2 Fluting Tools—¾, 1¼ inch
4 Reeding Tools—(2 Beads ¼ inch, 3 Beads 5/16 inch, 3 Beads ⅜ inch, 4 Beads ½ inch)
2 Routers—⅛ and ¼ inch
1 ⅜-inch Blank, which can be filed as desired

No.		Each
66	11½ in. long, Nickel Plated	1.80
	Extra Cutters	.10

STANLEY

FOUR-SQUARE TOOLS

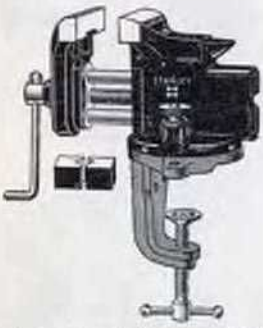
The tools shown on this and the two following pages are specially designed and priced for the farmer and householder. They are the finest tools available for the occasional user—branded Stanley yet priced as low as ordinary tools.

NAIL HAMMER

Full size 16 oz. drop forged hammer. Heat treated for maximum strength. Sound hickory handle securely wedged. Highly polished head with red octagon neck. 13 in. overall.

No. **1115** Each **.90**

VISE



A sturdy vise for general use. Swivel base locks rigidly in three positions. Can be clamped or bolted to bench. Jaws 2 in. wide, open to 3 in. Handsomely finished in gray and red.

No. **1145** Each **1.25**

PIPE JAWS

Vise Pipe Jaws. They fit into pockets in the vise and hold round work horizontally or vertically. Pair **.25**

"ZIG-ZAG" RULE

6 ft. long. Graduated on all four edges to make accurate measuring easier. Best of materials. Long life rivet joints. Light yellow background makes black figures easy to read.

No. **1156** Each **.45**

SCREW DRIVERS

Comfortable handle, deeply fluted for powerful grip. Tempered steel blade. Tip accurately machine ground to size—it holds in screw slots.

No.	Blade	Diam.	Overall	Each
1170	4 in.	¼ in.	9 in.	.15
	5 "	5/16 "	10½ "	.15
	6 "	5/16 "	11¾ "	.15

SAW

Fine quality, standard pattern 24 in. saw. Skew back, 8 point. Comfortable handle fastened with 4 screws. Sharpened and set ready to use.

No. **1124** Each **1.50**

STANLEY

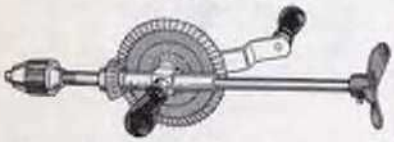
FOUR-SQUARE TOOLS

HAND DRILL

An accurate, speedy tool. Takes drills up to ¾ in. Hollow handle—convenient for holding drills. Red hardwood handle and knob. 3¼ in. speed gear. 11¼ in. long.

No. **1119** Each **1.25**

BREAST DRILL



All steel frame—practically unbreakable and light in weight. Has ball thrust bearing for easy operation. Two speeds, quickly changed. Takes 0 to ½ in. straight shank bits. Cadmium plated to make it rust proof. Red hardwood handles. 17 in. long.

No. **1141** Each **3.00**

BIT BRACE

Powerful 10 in. sweep. Ratchets right and left. Steel chuck and alligator jaws firmly hold ordinary taper shank bits. Black hardwood handles. Polished.

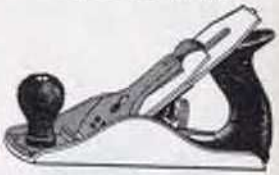
No. **1151** Each **2.00**

BLOCK PLANE

A small plane for general use. Highest quality cutter and quick lever adjustment. Sides and bottom polished. Tropical hardwood knob. 6½ in. long.

No. **1120** Each **1.00**

SMOOTH PLANE



Stanley "Bailey" type built especially for household uses. All parts fit firmly—no chatter; easily assembled. Sides and bottom polished. Tropical hardwood handle and knob. 2 in. tool steel cutter. 9⅝ in. long.

No. **1104** Each **2.75**

JACK PLANE

Stanley "Bailey" type built especially for household uses. All parts fit firmly—no chatter; easily assembled. Sides and bottom polished. Tropical hardwood handle and knob. 2 in. tool steel cutter. 14 in. long.

No. **1105** Each **3.00**

STANLEY

FOUR-SQUARE TOOLS

ICE PICK

Tempered steel blade with needle point. Comfortable handle, shaped to crack ice easily. White handle harmonizes with any kitchen. Blade 3½ in. long, 9 in. overall.

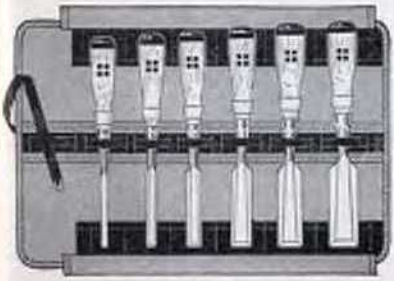
No. **1175** Each **.15**

SOCKET CHISELS

Strong easy cutting chisels. One piece blade and socket forged from electric furnace, edge tool steel. Hickory handle tipped with hard leather. Butt type—3¼ in. blade.

No.	Blade	Overall	Each
1150	¼ in.	9½ in.	.75
	½ "	9½ "	.75
	¾ "	9½ "	.85
	⅞ "	9½ "	.95
	1 "	10 "	.95
	1¼ "	10 "	1.00

CHISEL SET



Contains 6 No. 1150 Chisels—one each of the above sizes in a durable canvas kit.

No. **1150A** Each **5.50**

WOOD LEVEL

A 24 in. plumb and level with 2 solid set glasses. Thoroughly tested for accuracy. Glass covers protect the glasses and keep them clean. Weatherproofed and attractively finished with gray and red lacquer.

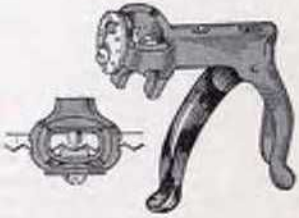
No. **1147**—24 in. Each **1.00**

ALUMINUM LEVEL

24 in. long. 6 tested, accurate glasses (one double level and two double plumbs) set solid in plaster. Glasses are easy to read in any position. Aluminum makes it light and weatherproof.

No. **1113**—24 in. Each **2.40**

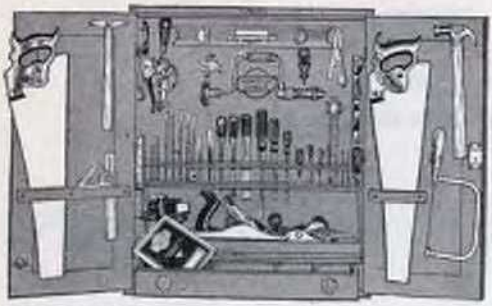
SAW SET



Graduated wheel shows correct anvil setting for 5 to 11 point saws. Tool steel anvil and plunger. Comfortable pistol grip.

No. **1132** Each **1.00**

STANLEY TOOL CABINET NO. 850



This cabinet is made of oak with a rich dark stain, and well varnished. In the finishing care has been taken to produce a very fine cabinet.

The panelled doors are hung on brass-plated hinges and are securely fastened by a brass lock with key.

The drawer at the base of the cabinet is divided into compartments for holding small tools, nails, screws, etc.

8½ inches deep — 29¼ inches high — 25⅜ inches wide

Weight 72 lbs. — Price **75.00**

No. 850 contains 48 Tools as follows:

1 Hammer	13 oz.	No. 15
1 Hammer	4 oz.	No. 147
1 Saw (Hand)	22 in.	
1 Saw (Rip)	22 in.	
1 Saw (Coping) with 6 extra Blades		No. 10D
1 Screw Driver	6 in.	No. 20
1 Screw Driver	4 in.	No. 40
1 Screw Driver	4 in.	No. 55
1 Screw Driver	3 in.	No. 121
1 Screw Driver	1½ in.	No. 21
1 Ratchet Screw Driver	5 in.	No. 215
1 Rule (Zig Zag)	6 ft.	No. 106
1 Rule (Caliper)	12 in.	No. 32
1 Plane (Bench)	11½ in.	No. 5¾
1 Plane (Block)	6 in.	No. S18
1 Bit Brace	8 in.	No. 921
1 Expansive Bit (Clark's)		
1 Auger Bit	¼ in.	
1 Auger Bit	5/16 in.	
1 Auger Bit	⅜ in.	
1 Auger Bit	½ in.	
1 Gimlet Bit		No. 4
1 Gimlet Bit		No. 6
1 Screw Driver Bit	¼ in.	No. 26
1 Screw Driver Bit	5/16 in.	No. 26
1 Countersink		No. 24
1 Bit Gauge		No. 49
1 Chisel	¼ in.	No. 40
1 Chisel	½ in.	No. 40
1 Chisel	1 in.	No. 40
1 Cold Chisel	¾ x 5 in.	No. 1A
1 Cold Chisel	½ x 6 in.	No. 1A
1 Vise	Jaws 1½ in.	No. 741
1 Combination Square	9 in.	No. 21
1 Bevel	6 in.	No. 18
1 Gauge (Marking and Mortise)		No. 98
1 Spoke Shave		No. 151
1 Plumb and Level	18 in.	No. 366
1 Nail Set	3/32 in.	No. 11
1 Center Punch	5/64 in.	No. 10
1 Hand Drill		No. 611
1 Hollow Handle Tool Set — Contains one each—Chisel, Reamer, Scratch Awl, Screw Driver, Tack Puller, Belt Awl and six Brad Awls assorted.		No. 305
1 Cornering Tool	5/16 x ⅜ in.	No. 28
1 Pair Pliers		
1 Pair Pincers		No. 49
1 Adjustable Wrench	6½ in.	No. G
1 Oil Can		No. 1603
1 Carborundum Stone		No. 109
1 Package Corrugated Fasteners		

Plan No. S72 "How to Make a Work Bench" Packed with this Cabinet

STANLEY TOOL CABINET No. 851

This cabinet is made of oak with a rich dark stain, and well varnished. In the finishing care has been taken to produce a very fine cabinet.

The panelled doors are hung on brass-plated hinges and are securely fastened by a brass lock with key.

The drawer is divided into compartments for holding small tools, nails, screws, etc.

8⅛ inches deep — 26⅝ inches high — 19½ inches wide

Weight 52 lbs. — **Price 55.00**

No. 851 contains 33 Tools as follows:

1 Hammer	13 oz.	No. 15
1 Hammer	4 oz.	No. 147
1 Saw (Hand)	20 in.	
1 Saw (Coping) with 12 extra Blades		No. 100
1 Screw Driver	5 in.	No. 20
1 Screw Driver	4 in.	No. 40
1 Screw Driver	3 in.	No. 50
1 Hand Drill		No. 610
1 Rule (Ziz Zag)	5 ft.	No. 105
1 Plane (Bench)	11½ in.	No. 5¼
1 Plane (Block)	6 in.	No. 60
1 Scraper		No. 80
1 Bit Brace	8 in.	No. 915
1 Auger Bit	¼ in.	
1 Auger Bit	⅜ in.	
1 Auger Bit	½ in.	
1 Gimlet Bit		No. 6
1 Screw Driver Bit	⅛ in.	No. 26
1 Bit Gauge		No. 49
1 Chisel	¾ in.	No. 40
1 Chisel	½ in.	No. 40
1 Chisel	1 in.	No. 40
1 Cold Chisel	½ x 6 in.	No. 1A
1 Vise	Jaws 1½ in.	No. 741
1 Gauge (Marking and Mortise)		No. 98
1 Combination Square	9 in.	No. 21
1 Bevel	8 in.	No. 25
1 Spoke Shave		No. 151
1 Plumb and Level	12 in.	No. 36G
1 Nail Set	3/32 in.	No. 11
1 Hollow Handle Tool Set No. 305—Contains one each—Chisel, Reamer, Scratch Awl, Screw Driver, Tack Puller, Belt Awl and six Brad Awls assorted.		
1 Pair Pliers		
1 Carborundum Stone		No. 109
1 Package Corrugated Fasteners		

Plan No. S72 "How to Make a Work Bench" Packed with this Cabinet

STANLEY COMBINATION WORK BENCH AND TOOL CABINET No. 859

An ideal assortment for the small apartment or home where compactness is a necessity.

All wooden parts are made of spruce. Finished in dark stain on he outside and light stain on the inside. The cabinet, apron and lower shelf are made and finished with the same care that distinguishes the line of Stanley Tool Chests. The top of the bench is made from particularly selected lumber. The steel legs and braces were especially designed and constructed by us in order to produce a sturdy, serviceable work bench.

The cabinet is also equipped with a special hinge hasp and staple so it can be locked.

The whole Work Bench is so constructed that it will fold against the back. This is a distinct advantage. When not in use it can be folded back against the wall and out of the way.

The Work Bench is 47½ inches high overall, 48 inches long, and 15¾ inches deep or wide. The height to top of bench when in position is 32¾ inches.

Weight of Work Bench with Tools 108½ lbs. Price **60.00**

No. 859 contains 35 Tools as follows:

1 Hammer	13 oz.	No. 15
1 Rule		No. 61A
1 Screw Driver	1½ in.	No. 121
1 Screw Driver	4 in.	No. 40
1 Screw Driver	5 in.	No. 20
1 Cold Chisel	½ in.	No. 99
1 Plier		
1 Brad Awl		
1 Bit Brace	8 in.	No. 923
1 Hand Saw	22 in.	
1 ea. Auger Bits	¼, ⅜, ½, ⅝, ¾, 1 in.	
1 Vise		No. 745
1 Plane		No. 5¼
1 Block Plane		No. 818
1 ea. Chisels	½, ¾, 1 in.	No. 40
1 Try and Mitre Square	9 in.	No. 21
1 Mill File	8 in.	
1 Slim Taper File	6 in.	
1 Level	18 in.	No. 104
1 Bench Stop		No. 207
1 Bench Bracket		No. 203
1 Hand Drill		No. 611
1 Gauge		No. 97
1 Nail Set	⅛ in.	No. 11
1 Scraper Blade	3 in. x 5 in.	No. 0
1 Countersink		No. 20
1 Screw Driver Bit	⅛ in.	No. 26
1 Four Square Pry Bar		
2 Stanley Corner Irons	3 in.	

STANLEY COMBINATION WORK BENCH AND TOOL CABINET No. 860

All wooden parts are made of spruce. Finished in dark stain on the outside and light stain on the inside. The cabinet, apron and lower shelf are made and finished with the same care that distinguishes the line of Stanley Tool Chests. The top of the bench is made from particularly selected lumber. The steel legs and braces were especially designed and constructed by us in order to produce a sturdy, serviceable work bench.

The cabinet is also equipped with a special hinge hasp and staple so it can be locked. The whole Work Bench is so constructed that it will fold against the back. This is a distinct advantage. When not in use it can be folded back against the wall and out of the way.

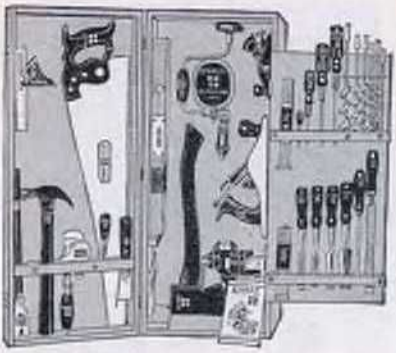
The Work Bench is 47½ inches high overall, 48 inches long, and 15¾ inches deep or wide. The height to top of bench when in position is 32¾ inches.

Weight of Work Bench with Tools 108½ lbs. Price **50.00**

No. 860 contains 34 Tools as follows:

1	Hammer	14½ oz.	1	Auger Bit	1 in.
1	Rule (Zig Zag)	4 ft.	1	Vise	
1	Rule (Boxwood)	2 ft.	1	Pipe Wrench	10 in.
1	Screw Driver	1½ in.	1	Jack Plane	11½ in.
1	Screw Driver	3½ in.	1	Block Plane	6½ in.
1	Screw Driver	4 in.	1	Chisel	⅛ in.
1	Screw Driver	5 in.	1	Chisel	½ in.
1	Saw (Hand)	24 in.	1	Chisel	¾ in.
1	Pair Pliers	6½ in.	1	Chisel	1 in.
1	Awl	5 in.	1	Try and Mitre Square	7 in.
1	Pry Bar	15 in.	1	Mill File	8 in.
1	Bit Brace	8 in.	1	Slim Taper File	6 in.
1	Auger Bit	¼ in.	1	Level	18 in.
1	Auger Bit	⅜ in.	1	Putty Knife	
1	Auger Bit	½ in.	1	Bench Dog	
1	Auger Bit	⅝ in.	2	Bench Brackets No. 203	
1	Auger Bit	¾ in.			

STANLEY TOOL CABINET No. 861



Made of oak, finished in dark stain on the outside and in a light stain on the inside. Joints nailed and glued. There are three hinges, two catches and a carrying handle.

The hinged panel on the right carrying the small tools, closes inside the front and back making a very compact cabinet.

11¾ inches wide, 7 inches deep, 29 inches high.

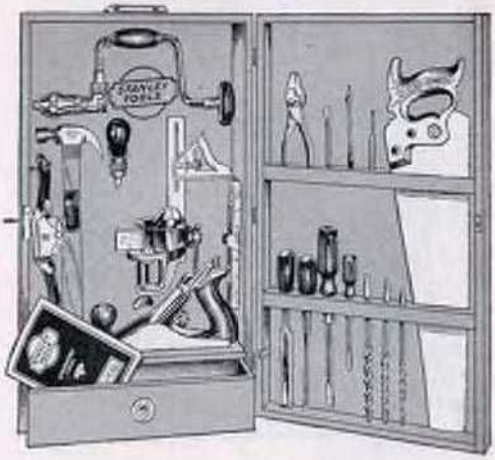
Weight 43 lbs. Price **40.00**

No. 861 contains 32 Tools as follows:

One each of Stanley Four-Square Household Tools

1 Hammer	14½ oz.	1 Auger Bit	¾ in.
1 Rule (Zig Zag)	4 ft.	1 Auger Bit	⅜ in.
1 Rule (Boxwood)	2 ft.	1 Auger Bit	½ in.
1 Screw Driver	5 in.	1 Auger Bit	⅝ in.
1 Screw Driver	4 in.	1 Auger Bit	¾ in.
1 Screw Driver	2½ in.	1 Auger Bit	1 in.
1 Screw Driver	1½ in.	1 Vise	
1 Saw (Hand)	24 in.	1 Pipe Wrench	10 in.
1 Pair Pliers	6½ in.	1 Jack Plane	11½ in.
1 Awl	5 in.	1 Block Plane	6½ in.
1 Pry Bar	15 in.	1 Chisel	¾ in.
1 Hand Axe	18 in.	1 Chisel	½ in.
1 Bit Brace	8 in.	1 Chisel	¾ in.
1 Chisel	1 in.	1 Mill File	8 in.
1 Try and Square Mitre Sq.	7 in.	1 Slim Taper File	6 in.
1 Level	18 in.	1 Putty Knife	

STANLEY TOOL CABINET No. 862



Made of oak, finished in a dark stain and varnished. Sides set in. Joints nailed and glued. There are three hinges, a lock and a carrying handle.

6¾ inches deep 24 inches high 14 inches wide Weight 23 lbs. Price **35.00**

No. 862 contains 20 Tools as follows:

1 Hammer	13 oz.	No. 15
1 Screw Driver	5 in.	No. 20
1 Screw Driver	3 in.	No. 50
1 Rule (Zig Zag)	4 ft.	No. 64
1 Saw (Hand)	18 in.	
1 Plane (Bench)	8 in.	No. 3
1 Chisel	¼ in.	No. 40
1 Chisel	¾ in.	No. 40
1 Spoke Shave		No. 151
1 Bit Brace	8 in.	No. 945
1 Auger Bit	¼ in.	
1 Auger Bit	⅜ in.	
1 Auger Bit	½ in.	
1 Gimlet Bit		No. 6
1 Screw Driver Bit	¼ in.	No. 26
1 Try and Mitre Square	9 in.	No. 21
1 Nail Set	3/32 in.	No. 11
1 Pair Pliers		
1 Hollow Handle Tool Set Contains one each—Chisel, Reamer, Scratch Awl, Screw Driver, Tack Puller, Belt Awl and six Brad Awls assorted.		No. 306
1 Vise	Jaws 1½ in.	No. 741

1 Package Corrugated Fasteners

STANLEY TOOL CHEST No. 902

Made of hardwood, finished in a dark stain and varnished. Tops and bottoms set in. Joints nailed and glued. There are three hinges, two catches and a carrying handle.

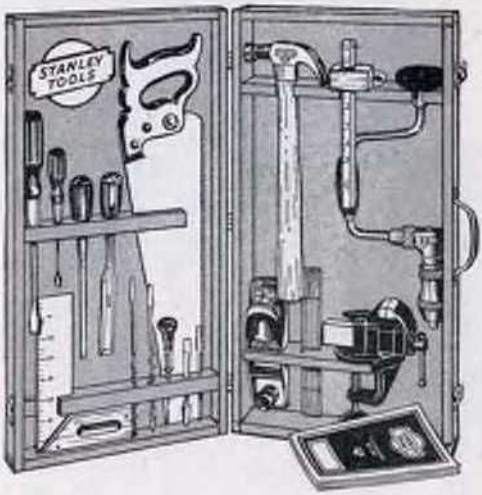
10¾ inches wide 4⅜ inches deep 25 inches long Weight 21 lbs. Price **25.00**

No. 902 contains 20 Tools as follows:

1 Hammer	13 oz.	No. 12	1 Spoke Shave		No. 51
1 Screw Driver	5 in.	No. 20	1 Bit Brace	8 in.	No. 945
1 Screw Driver	3 in.	No. 50	1 Auger Bit	¼ in.	
1 Rule (Zig Zag)	4 ft.	No. 04	1 Auger Bit	⅜ in.	
1 Saw (Hand)	20 in.		1 Gimlet Bit		No. 6
1 Try and Mitre Square	7½ in.	No. 2	1 Screw Driver Bit	⅝ in.	No. 26
1 Marking Gauge		No. 62	1 Pair Pliers		
1 Plane (Bench)	8 in.	No. 3	1 Awl		No. 6
1 Chisel	¼ in.	No. 50	1 Nail Set	3/32 in.	No. 11
1 Chisel	⅜ in.	No. 50	1 Vise	Jaws 1½ in.	No. 741

1 Package Corrugated Fasteners

STANLEY TOOL CHEST No. 903



Made of hardwood, finished in a dark stain and varnished. Tops and bottoms set in. Joints nailed and glued. There are three hinges, two catches and a carrying handle. 11⅜ inches wide 4⅜ inches deep 21½ inches long Weight 18 lbs. Price **20.00**

No. 903 contains 17 Tools as follows:

1 Hammer	13 oz.	No. 12	1 Chisel	¾ in.	No. 50
1 Screw Driver	5 in.	No. 20	1 Bit Brace	8 in.	No. 945
1 Screw Driver	3 in.	No. 50	1 Auger Bit	¼ in.	
1 Rule (Zig Zag)	4 ft.	No. 04	1 Auger Bit	⅝ in.	
1 Saw (Hand)	16 in.		1 Gimlet Bit		No. 60
1 Try and Mitre Square	7½ in.	No. 2	1 Screw Driver Bit	¼ in.	No. 26
1 Marking Gauge		No. 62	1 Awl	1¼ in.	
1 Plane (Block)	7 in.	No. 220	1 Vise	Jaws 1½ in.	No. 741
1 Chisel	¼ in.	No. 50			

1 Package Corrugated Fasteners

STANLEY TOOL CHEST No. 904

11¼ inches wide. 4½ inches deep. 19½ inches long. Weight 15 lbs. Price **14.00**

No. 904 contains 12 Tools as follows:

1 Hammer	10 oz.	No. 12	1 Plane (Block)	5½ in.	No. 102
1 Screw Driver	4 in.	No. 70	1 Chisel	½ in.	No. 50
1 Rule	2 ft.	No. 68A	1 Bit Brace	8 in.	No. 966
1 Saw (Hand)	14 in.		1 Auger Bit	¼ in.	
1 Try Square	4½ in.	No. 20	1 Auger Bit	⅜ in.	
1 Marking Gauge		No. 61	1 Vise	Jaws 1½ in.	No. 741

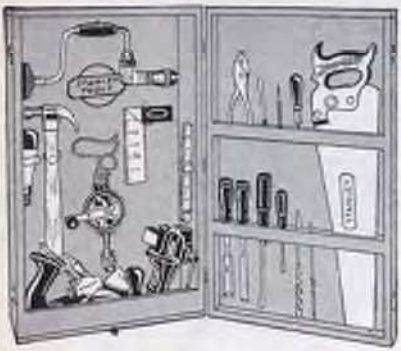
1 Package Corrugated Fasteners

STANLEY TOOL CHEST NO. 862½

A popular assortment of serviceable tools for the homeowner, boy, and hobbiest. The cabinet is made of a good quality wood, lacquered an attractive orange. The sides are set in and the joints nailed and glued. Size: 14 in. wide, 6¼ in. deep, 24 in. high. Net weight 30 lbs.

Price 26.00

No. 862½ contains 19 tools as follows:



1 Hammer, 13 oz., No. 12
1 Screw Driver, 5 in., No. 170
1 Screw Driver 2½ in., No. 170
1 Rule (Zig Zag) 4 ft., No. 804
1 Plane (Bench) 8 in., No. 3
1 Chisel, ½ in.
1 Chisel, ¾ in.
1 Try and Mitre Square, 6 in., No. 1283
1 Screw Driver Bit, ¾ in., No. 26
1 Bit Brace, 8 in., No. 945
1 Hand Drill, No. 610
1 Hollow Handle tool set No. 302 contains one each—Gimlet, File, Saw, Chisel, Reamer, Scratch Awl, Tack Puller, Screw Driver, 2 Brad Awls
1 Auger Bit, ¼ in.
1 Auger Bit, ½ in.
1 Brad Awl
1 Nail Set, 1/16 in., No. 11
1 Pair Pliers
1 Saw, 18 in.
1 Vise, No. 741
1 Package Wiggle Nails

STANLEY TOOL CHEST NO. 904½

This is a fine assortment of serviceable tools for the beginner. The tool chest is made of a good quality wood, lacquered an attractive orange. The sides are set in and the joints nailed and glued. Size: 11¾ in. wide, 4½ in. deep, 21½ in. long. Net weight 15½ lbs.

Price 13.00

No. 904½ contains 14 tools as follows:

1 Hammer, 13 oz., No. 812
1 Screw Driver, 4 in., No. 170
1 Rule, 2 ft., No. 68A
1 Saw (Hand) 14 in.
1 Try Square, 6 in., No. 1280
1 Marking Gauge, No. 61
1 Plane (Block) No. 1247
1 Chisel, ½ in.
1 Level, 12 in., No. 1290
1 Bit Brace, 8 in., No. 966
1 Auger Bit, ¼ in.
1 Auger Bit, ½ in.
1 Hollow Handle Tool Set No. 302. Contains one each—Gimlet, File, Saw, Chisel, Reamer, Scratch Awl, Tack Puller, Screw Driver, 2 Brad Awls
1 Brad Awl
1 Package Wiggle Nails

STANLEY TOOL CHEST NO. 875

This is a splendid assortment for a boy. The chest is a careful reproduction of a real carpenter's tool chest, with a sliding tray for nails, etc. Made of light wood; joints are nailed and glued. Lacquered bright blue and yellow. Size 10¾ in. wide, 4 in. deep, 24¼ in. long. Weight 17 lbs.

No. **875** contains **20** Tools as follows: Price **15.60**

1 Hammer, 13 oz., No. 012
1 Plane (Block), 7 in., No. 1247
1 Screw Driver, 3 in., No. 1270
1 Screw Driver, 4 in., No. 1270
1 Screw Driver, 6 in., No. 1270
1 Rule (Zig Zag), 4 ft., No. 1224
1 Auger Bit, ¼ in.
1 Auger Bit, ½ in.
1 Saw, 16 in.
1 Level
1 Chisel, ⅜ in.
1 File (Slim Taper)
1 Bit Brace (Ratchet), 10 in., No. 97S
1 Marking Gauge, No. 61
1 Try Square, 6 in., No. 1280
1 Scratch Awl, No. 1
1 Vise, No. 741
1 Pair Pliers
1 Screw Driver Bit, ⅛ in., No. 26
1 Nail Set
1 Box Asst. Screws
1 Package Wiggle Nails
1 Stanley Plan No. 9, "How to Make Bird Houses, Shelters, Feeding Boxes, etc."

STANLEY TOOL CHEST NO. 876

This chest is a careful reproduction of a real carpenter's tool chest. Made of light wood, joints are glued and nailed. Lacquered blue and yellow. Size 8¾ in. wide, 4 in. deep, 22 in. long. Weight 11 lbs.

No. **876** contains **14** Tools as follows: Price **10.00**

1 Hammer, 13 oz., No. 012
1 Plane (Block), 5½ in., No. 102
1 Screw Driver, 3 in., No. 1270
1 Screw Driver, 5 in., No. 1270
1 Rule, 2 ft., No. 168
1 Bit Brace, 8 in., No. 966
1 Marking Gauge, No. 61
1 Try Square, 6 in., No. 1280
1 Scratch Awl, No. 1
1 Auger Bit, ⅜ in.
1 Saw, 14 in.
1 Level
1 Chisel, ⅜ in.
1 File (Slim Taper)
1 Box Asst. Screws
1 Package Wiggle Nails
1 Stanley Plan No. 9, "How to Make Bird Houses, Shelters, Feeding Boxes, etc."

the original service

At

last!

A BOOK THAT REALLY TELLS YOU— HOW TO WORK WITH TOOLS AND WOOD

Here is a book which every tool-user should own. It takes all the mystery out of using tools, selecting materials, and planning and finishing work. It enables you to repair furniture, put up shelves and do many other odd jobs about your home. It opens the way to make many useful objects — from a book rack to a kitchen cabinet.

This is a complete guide. Every question you have ever wanted to ask about tools and woodworking is answered in this book. Over 150 illustrations and diagrams make it valuable to the advanced worker as well as the beginner. A complete cross-index makes it an instant reference book on the use and care of tools, and the selection of lumber, paint, varnish, etc.

Contains 185 pages. Durably bound in blue cloth.

Price, **1.00**

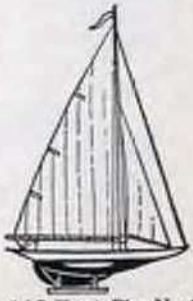
for amateur tool users

There are 25 Stanley Plans

End Table, Plan No. 16

Book Stand, Plan No. 11

Work Bench, Plan No. S72



Model Sailboat, Plan No. 18

NOW ANYONE CAN WORK WITH TOOLS!

Here is a way to get articles like these at little cost. And it's real fun to make them with your own hands and with your own tools. If you have a knack with tools you will find it most profitable, if you think you haven't the knack then the STANLEY plans will help you to acquire it.

There are 25 different STANLEY Plans. The full list is shown below. Each plan tells you just how to make the article—every step—how to select and cut the wood, how to assemble the job, how to sandpaper, paint and finish it.

Plans cost only 10 cents each

Here is the complete list of the Stanley Plans.

No.
1—Book Rack
2—Candlestick
3—Pipe Rack
4—Flower Box
5—Table Lamp
6—Toy Automobile
7—Sconce
8—Dinner Gong
9—Bird Houses
10—Dog House
11—Book Stand
12—Smoking Cabinet
13—Kitchen Cabinet
14—Sewing Cabinet
15—Cedar Chest
16—End Table
17—Tea Wagon
18—Model Sailboat
19—Combination Sail- and Row-Boat
20—Combination Kitchen Seat and Step Ladder
21—Garden Seat
22—Garden Trellises
70—Small Tool Chest
71—Large Tool Chest
72—Work Bench

STANLEY
SW

STANLEY MISCELLANEOUS TOOLS

OFFSET SCREW DRIVERS

Superior quality and design. Forged from high grade steel correctly hardened and tempered.

No.		Each
670	5/16 in. Stock, 4½ in. long	.35
671	3/8 " " 6 " "	.40
672	1/4 " " 8 " "	.50

WRENCH SETS

A serviceable set of open end wrenches for the car owner. Made of a good quality steel with accurate openings. The square hole through which the bolt passes can be used for a tap wrench. The sizes are plainly stamped on the wrenches. 5 double end wrenches ¼ in. and ⅛ in., ½ in. and 5/16 in., ⅜ in. and 7/16 in. ⅝ in. and ¾ in., ⅞ in. and 1 in.

Set No.		Each Set
135	Oil Finish	.30
135N	Nickel Plated	.50

CUTTING CHISEL

Designed for cutting off the tongue on floor boards. The slender blade can be entered between boards without marring the surface of the wood.

Drop forged from Electric Furnace Chrome Vanadium Alloy Steel, correctly hardened and tempered to cut nails.

No.		Each
210	2¾ in., Cutting Edge 8 in. long	1.75

STANLEY COUNTERSINK ROSE TYPE

For wood or metal. Forged from high quality tool steel, hardened and tempered. Cutting edges are keen and sharp. Blued finish.

No.	Cutting Edge	Length	Each
139	¾ in.	4¼ in.	.45
	1¼ "	4¼ "	.75

BEARING SCRAPERS

Well made correctly shaped tools for scraping motor and other bearings. They are carefully forged, tempered and hollow ground on three sides and honed sharp ready to use.

3 sizes to a Set

Set Up	Overall	Each Set
123	Size 1—10¾ in.	3.75
	" 2—11¼ "	
	" 3—11¾ "	

FLOOR LAYER'S HAMMER

An extra heavy hammer. Drop Forged from special steel, correctly hardened and tempered. Handle is of straight grained, white hickory.

Because of its weight, heavy boards can be quickly brought into place and nailed.

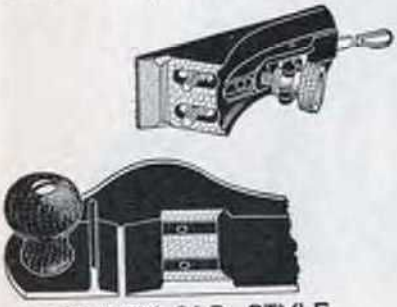
Furnished with plain or checkered face. If checkered face is desired specify No. 221C.

No.		Each
221	32 oz. 13½ in. overall	2.50
221C	32 " 13½ " "	2.75

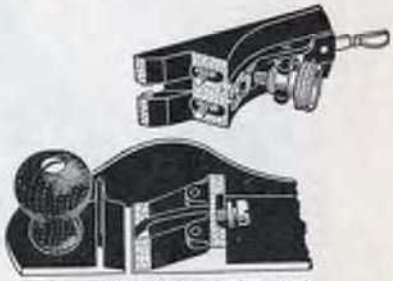
FROGS FOR "BAILEY" AND "BED ROCK" PLANES

From time to time improvements have been made in both the "Bailey" and "Bed Rock" Iron Planes, which necessitated changes in the construction of the Bottom and Frog, making it impossible to use the new style Frog in an Old Style Bottom, or the Old Style Frog in a New Style Bottom.

TO INSURE YOUR ORDER FOR FROGS BEING CORRECTLY FILLED, ALWAYS STATE WHICH STYLE PLANE YOU HAVE.



BAILEY OLD STYLE

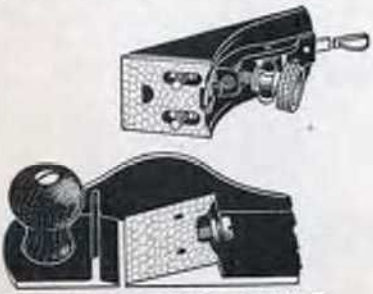


BAILEY NEW STYLE

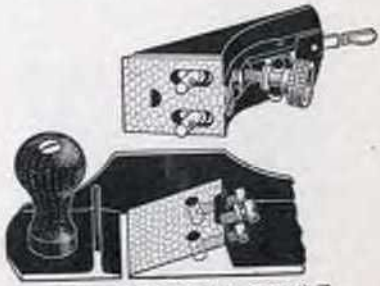
For a time an intermediate style was made having same Frog and Bottom as the latest design, except that there was no Frog adjusting screw, consequently no clip on the Frog.

The latest design Frog or Bottom will be furnished for both the intermediate and new style Planes. If your plane is of the intermediate pattern, remove the steel clip from the Frog and the parts will fit.

The difference in construction of the Frogs and Bottoms in the "Bailey" Planes is shown in the illustration above.



BED-ROCK OLD STYLE

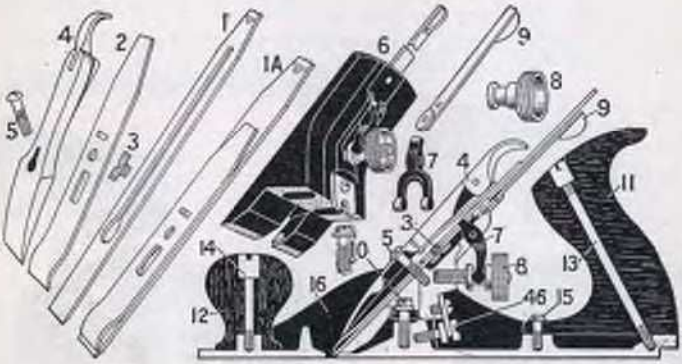


BED-ROCK NEW STYLE

The difference in construction of the Frogs and Bottoms in the "Bed Rock" Planes is shown in the illustrations above.

PRICES OF PLANE PARTS

"BAILEY" IRON PLANES



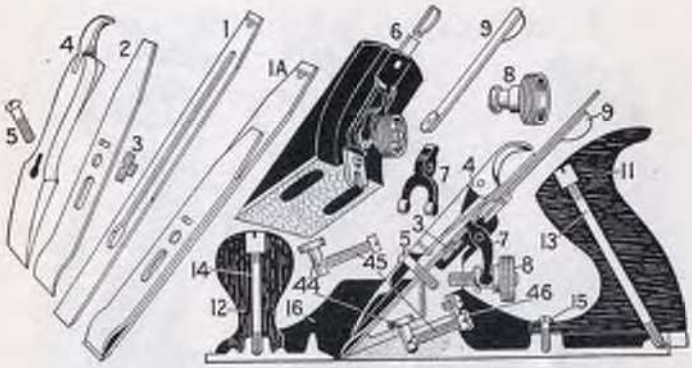
No.	Name of Part / No. of Plane	1 2 2C	3 3C	S4 A4 4 4C	4½ 4½C	S5 A5 5 5C	5¼ 5¼C	5½ 5½C	A6 6 6C	7 7C	8 8C
1A	Double Plane Iron	.90	1.00	1.10	1.25	1.10	1.00	1.20	1.25	1.25	1.30
1	Single " "	.55	.60	.65	.80	.65	.60	.75	.80	.80	.80
2	Plane Iron Cap	.35	.40	.45	.45	.45	.40	.45	.45	.45	.50
3	Cap Screw	.10									
4	Lever Cap	.50									
5	" " Screw	.10									
6	Frog Complete	.70									
7	"Y" Adjusting Lever	.10									
8	Adjusting Nut	.20									
9	Lateral Adjusting Lever	.20									
10	Frog Screw	.10									
11	Plane Handle	.40									
12	" Knob	.30									
13	Handle Bolt and Nut	.20									
14	Knob " " "	.20									
15	Plane Handle Screw	.....	.....	.....	.10	.10	.10	.10	.10	.10	.10
16	" Bottom	1.70	2.00	2.00	2.40	2.40	2.40	2.40	3.30	4.70	5.70
46	Frog Adjusting Screw	.10	.10	.10	.10	.10	.10	.10	.10	.10	.10

for all numbers

Add 10 per cent. for Corrugated Bottoms.
Add 30 per cent. for Bottoms and Frogs for Planes A4, A5, A6.
Add 10 per cent. for Bottoms and Frogs for Planes S4 and S5.

PRICES OF PLANE PARTS

"BED ROCK" PLANES

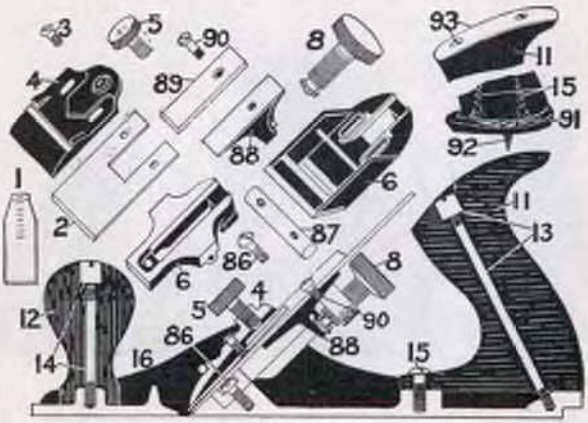


No.	Name of Part — No. of Plane	602	603 603C	604 604C	604½ 604½C	605 605C 605¼	605½ 605½C	606 606C	607 607C	608 608C
1A	Double Plane Iron.....	.90	1.00	1.10	1.25	1.10	1.20	1.25	1.25	1.30
1	Single " "	.55	.60	.65	.80	.65	.75	.80	.80	.80
2	Plane Iron Cap.....	.35	.40	.45	.45	.45	.45	.45	.45	.50
3	Cap Screw.....	.10	for all numbers							
4	Lever Cap.....	.60								
5	" " Screw.....	.10								
6	Frog Complete.....	1.00								
7	"Y" Adjusting Lever...	.10								
8	Adjusting Nut.....	.20								
9	Lateral Adjusting Lever.	.20								
11	Plane Handle.....	.40								
12	" Knob.....	.30								
13	Handle Bolt and Nut...	.20								
14	Knob " " " ...	.20								
15	Plane Handle Screw....	.....	.....	.....	.10	.10	.10	.10	.10	.10
16	" Bottom.....	2.20	2.50	2.50	3.00	3.00	3.20	4.40	6.20	7.00
44	Frog Pin.....	.20	.20	.20	.20	.20	..20	.20	.20	.20
45	" Clamping Screw...	.10	.10	.10	.10	.10	.10	.10	.10	.10
46	" Adjusting " ...	.10	.10	.10	.10	.10	.10	.10	.10	.10

Add 10 per cent. for Corrugated Bottoms.

PRICES OF PLANE PARTS

GAGE SELF-SETTING PLANES

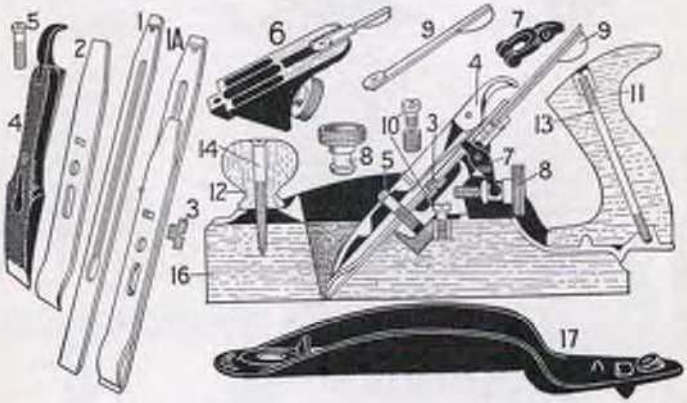


No.	Name of Part / No. of Plane	G3 G3C G4 G4C	G5 G5C	G6 G6C	G7 G7C	G22	G35	G26	G28	G30
1	Plane Iron	.60	.60	.70	.80	.60	.60	.60	.70	.70
2	Steel Cap	.35	for all numbers							
3	Cap Screw	.10								
4	Lever Cap	.30								
5	Lever Cap Screw	.10								
6	Frog	*....	*....	*....	*....	.60	.60	.60	.60	.60
8	Cutter Adjusting Screw	.30	.30	.30	.30	.30	.30	.30	.30	.30
11	Plane Handle	.40	.40	.40	.40	.20	.20	.20	.20	.20
12	Plane Knob	.30	.30	.30	.30	.20	.20	.20	.20	.20
13	Handle Bolt and Nut	.20	.20	.20	.20	....	....	....	....	....
14	Knob Bolt and Nut	.20	.20	.20	.20	....	....	....	....	....
15	Plane Handle Screw	....	.10	.10	.10	....	....	....	....	....
16	Plane Bottom	*2.70	*3.10	*4.00	*5.40	.80	1.00	1.00	1.40	1.40
86	Frog Screw	.10	.10	.10	.10	.10	.10	.10	.10	.10
87	Frog Screw Rod	....	....	....	....	.25	.25	.25	.25	.25
88	Cutter Adjustment Slide	.25	for all numbers							
89	Clamp Plate	.20								
90	Clamp Plate Screw	.10								
91	Handle Base	....	....	....	....	.10	.10	.10	.10	.10
92	Handle Base Screw	....	....	....	....	.10	.10	.10	.10	.10
93	Handle Cap and Screws	....	....	....	....	.10	.10	.10	.10	.10

*Prices of Bottoms for Iron Planes Include Frogs.

PRICES OF PLANE PARTS

"BAILEY" WOOD PLANES



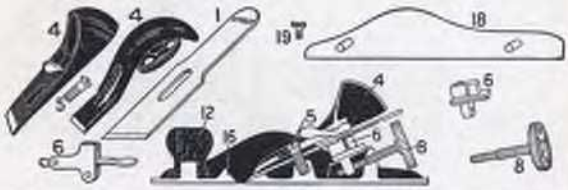
No.	Name of Part / No. of Plane	22	24	35	26	27½	28	31	32	36
1A	Double Plane Iron	1.00	1.10	1.10	1.10	1.20	1.25	1.25	1.30	1.25
1	Single " "	.60	.65	.65	.65	.75	.80	.80	.80	.80
2	Plane Iron Cap	.40	.45	.45	.45	.45	.45	.45	.50	.45
3	Cap Screw	.10	for all numbers							
4	Lever Cap	.40								
5	" " Screw	.10								
6	Frog Complete	.60								
7	"Y" Adjusting Lever	.10								
8	Adjusting Nut	.20								
9	Lateral Adjusting Lever	.20								
10	Frog Screw and Bushing	.20								
11	Plane Handle	....	.20	.20	.20	.20	.20	.20	.20	.20
12	" Knob	.20	.20	.20	.20	.20	.20	.20	.20	.20
13	Handle Bolt and Nut	....	.20	.20	.20	.20	.20	.20	.20	.20
14	Knob Screw	.10	.10	.10	.10	.10	.10	.10	.10	.10
16	Plane Bottom	.80	.80	.80	1.00	1.00	1.40	1.60	1.70	1.00
17	Top Casting	.40	.40	.40	.40	.40	.40	.40	.40	.40

PRICES OF PLANE PARTS

"BAILEY" AND STANLEY BLOCK PLANES

No.	Name of Part / No. of Plane	9½ 9¾	15 15½	16 17	S18 A18 18 19	60 60½	62	61 63	65	65½
1	Single Plane Iron	.45	.45	.45	.45	.45	.90	.45	.45	.45
4	Lever Cap	.20	.20	.30	.75	.30	.30	.30	.75	.20
5	" " Screw	.10	.10	.10	.10	.10	.10	.10	.10	.10
6	Frog Complete	....	....	....	....	.20	.20	.20	.20	.20
7	Adjusting Lever	.10	.10	.10	.10	....	....	....	....	....
8	" Nut	.20	.20	.20	.20	.20	.20	.20	.20	.20
9	Lateral Adjusting Lever	.20	.20	.20	.20	....	....	....	....	....
11	Plane Handle	.50	.50	....	....	....	.60	....	....	....
16	" Bottom	1.40	1.50	1.50	1.50	1.20	3.50	1.00	1.50	1.50
21	Eccentric Plate	.20	.20	.20	.20	.20	.20	.20	.20	.20
22	Finger Rest Knob	.20	.20	.20	.20	.20	.30	.20	.20	.20

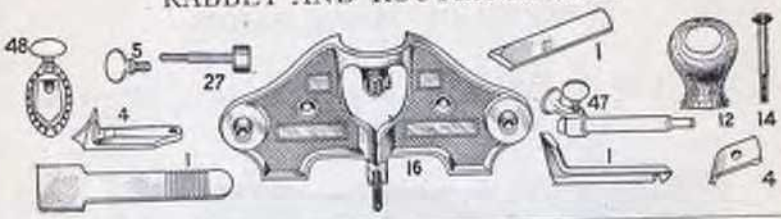
Add 30 per cent. for Bottom, for Plane A18.
Add 10 per cent. for Bottom, for Plane S18



No.	Name of Part / No. of Plane	100 101	102 *103	110	120	130	131	140	203	220
1	Single Plane Iron	.10	.20	.30	.45	.30	.45	.50	.45	.45
4	Lever Cap	.10	.20	.20	.20	.20	.20	.30	.20	.20
5	" " Screw	....	....	....	....	....	.10	.10	.10	.10
6	Frog Complete	....	*.30	....	.30	....	.30	.20	.20	.20
8	Adjusting Nut	....	....	....	....	....	.20	.20	.20	.20
12	Plane Knob	....	....	.20	.20	.20	.30	.30	.30	.30
16	" Bottom	.20	.40	.50	.60	.70	1.40	1.50	.50	.60
18	Detachable Side	....	....	....	....	....	....	.50	....	....
19	Side Screw (Pair)	....	....	....	....	....	....	.20	....	....

PRICES OF PLANE PARTS

RABBET AND ROUTER PLANES



No.	Name of Part / No. of Plane	90 92	93	94	196	98 99	71 71½	75	95	97
1	Single Plane Iron	.60	.60	.60	.50	.40	.60	.40	.40	.90
4	Lever Cap	.30	.30	.30	.20	.20	....	.20	.20	.30
5	Thumb Screw	....	....	....	....	.10	....	....	....	....
12	Plane Knob	....	....	....	....	.30	.30	....	....	.30
14	Knob Bolt and Nut	....	....	....	....	....	.20	....	....	.20
16	Plane Bottom	3.50	4.20	5.00	2.40	1.20	2.00	.60	1.60	2.00
27	Cutter Bolt Adjusting Screw	.40	.40	.40	....	....	....	....	....	....
47	Extra Attachment	....	....	....	....	....	.50	....	....	....
48	Collar	....	....	....	....	....	.50	....	....	....

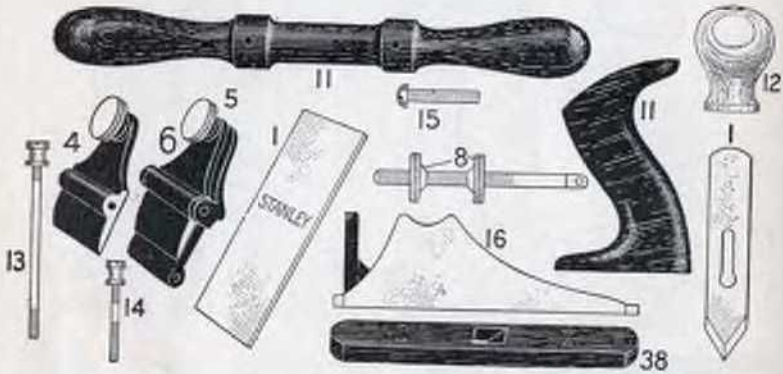
RABBET, MATCHING AND DADO PLANES

No.	Name of Part / No. of Plane	39	48 49	78 A78	145 to 148	171	190 to 192	239	278	289
1	Single Plane Iron	.40	.40	.40	1.30	.80	.40	.50	.60	.60
4	Lever Cap	.20	.20	.20	.30	....	.20	....	.20	.20
7	Adjusting Lever and Screw	....	....	.20	....	....	....	....	....	....
16	Plane Bottom	2.40	4.00	2.00	3.00	1.80	1.80	3.00	2.00	2.40
50	Fence	1.00	1.00	.50	....	.60	....	.80	.50	.40
51	" Thumb Screw	....	....	.10	....	.10	....	.10	.10	.10
61	Short Arm	....	....	.20	....	.40	....	.20	.20	.20
70	Adjusting Depth Gauge	.40	....	.40	....	....	.40	.40	.40	.40
71	Depth Gauge Thumb Screw	.20	....	.20	....	....	.20	.10	.20	.20
85	Spars with Screws	.20	....	.10	....	....	.10	.50	.10	.10

Add 30 per cent. for Bottom and Fence for Plane A78.

PRICES OF PLANE PARTS

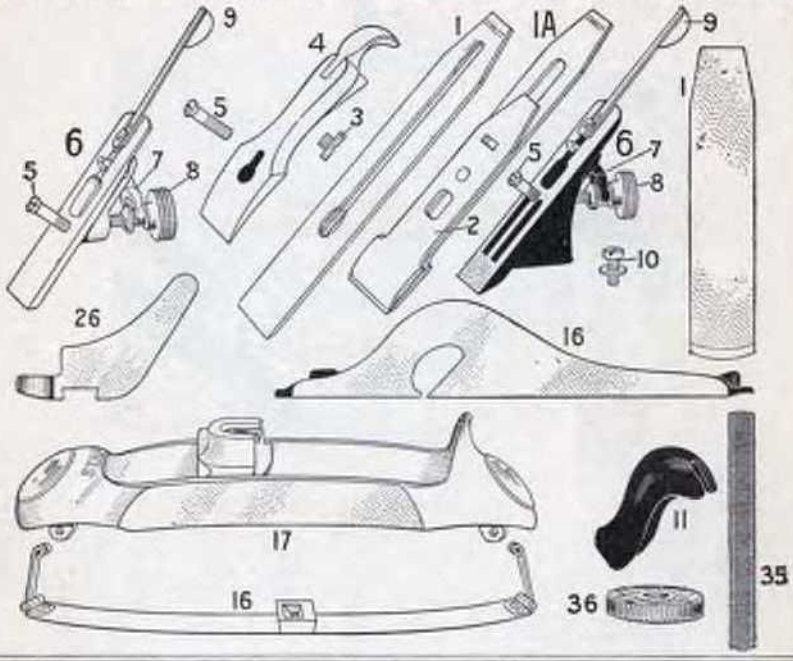
SCRAPER, CHAMFER AND CORE BOX PLANES



No.	Name of Part — No. of Plane	12	12½	12¼	112	212	85	57
1	Single Plane Iron	.50	.50	.50	.50	.50	.50	.60
4	Lever Cap	.50	.50	.50	.40	.20	.40	.30
5	" " Screw	....	....	....	....	....	....	.10
6	Frog Complete	1.40	1.40	1.20	.70	.20	.60	....
8	Adjusting Nut	.20	.20	.20	.20	....	....	....
10	Frog Screw	....	....	....	....	....	.10	....
11	Plane Handle	1.00	1.00	1.00	.40	....	.50	.20
12	" Knob	....	....	....	.30	.40	.40	.20
13	Handle Bolt and Nut	....	....	....	.20	....	.20	.20
14	Knob " " "	....	....	....	.20	....	.20	.20
15	Plane Handle Screw	.10	.10	.10	....	....	....	....
16	" Bottom	2.40	2.40	1.60	2.40	1.20	2.00	5.00
38	Extra Wood Bottom	....	.50	....	....	....	....	....

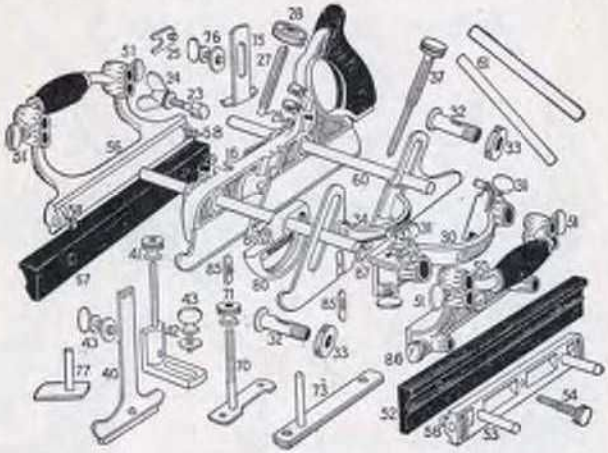
PRICES OF PLANE PARTS

CARRIAGE, CIRCULAR, SCRUB, SHOOT AND FLOOR PLANES



No.	Name of Part / No. of Plane	10	10½	10¼	11	113	20	40	40½	51
1A	Double Plane Iron	1.15	1.15	1.15	1.25	1.00	1.00	....	....	1.25
1	Single " "	.70	.70	.70	.80	.60	.60	.40	.50	.80
2	Plane Iron Cap	.45	.45	.45	.45	.40	.40	....	....	.45
3	Cap Screw	.10	.10	.10	.10	.10	.10	....	....	.10
4	Lever Cap	.50	.50	.50	.50	.50	.50	.20	.20	.50
5	" " Screw	.10	.10	.10	.10	.10	.10	.10	.10	.10
6	Frog Complete	.70	.70	.70	.70	.70	.70	....	....	.70
7	"Y" Adjusting Lever	.10	.10	.10	.10	.10	.10	....	....	.10
8	Adjusting Nut	.20	.20	.20	.20	.20	.20	....	....	.20
9	Lateral Adjusting Lever	.20	.20	.20	.20	.20	.20	....	....	.20
10	Frog Screw	.10	.10	.10	.10	.10	.10	....	....	.10
11	Plane Handle	.40	.40	.80	.60	....	....	.20	.20	.40
12	" Knob	.30	.30	.60	....	1.00	....	.20	.20	.30
13	Handle Bolt and Nut	.20	.20	.20	....	....	....	.20	.20	.20
14	Knob " " "	.20	.20	.20	....	....	....	.20	.20	.20
16	Plane Bottom	3.30	3.30	3.00	2.60	1.20	1.20	1.40	2.00	6.00
17	Top Casting	....	....	....	....	2.00	3.00	....	....	....
26	Frog Seat	....	....	....	....	....	1.00	....	....	....
35	Bottom Adjusting Screw	....	....	....	....	1.00	.50	....	....	....
36	" " Nut	....	....	....	....	....	.50	....	....	....

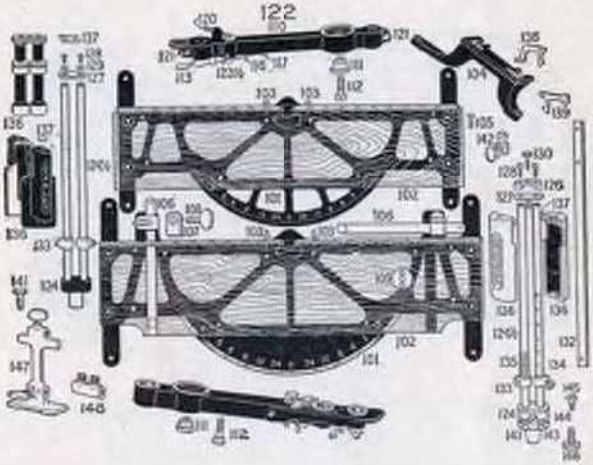
PRICES OF COMBINATION PLANE PARTS



No.	Name of Part	No. of Plane	A45 45	46	444	50	55	143
1	Cutters	Per Set	7.00	4.00	2.50	3.50	12.00	4.00
16	Main Stock or Bottom		5.00	5.00	5.00	2.50	6.00	6.00
23	Cutter Bolt		.30	.30	.30	.30	.30	.....
24	" " Wing Nut		.30	.30	.30	.30	.30	.....
25	" " Clip and Screw		.10	.10	.10	.....	.10	.....
27	" " Adjusting Screw		.20	.....	.....	.....	.20	.....
28	" " " Wheel		.20	.....	.....	.....	.20	.....
30	Sliding Section		3.00	3.00	3.00	.60	1.50	.....
32	Thimble		.....	.....	.....	.....	.30	.....
33	" Check Nut		.....	.....	.....	.....	.30	.....
34	Adjustable Bottom		.....	.....	.....	.....	2.50	.....
37	" " Screw		.....	.....	.....	.....	.40	.....
40	Auxiliary Center Bottom		.....	.....	.....	.....	.60	.....
42	Angle Iron and Adjusting Screws		.....	.....	.....	.....	.60	.....
50	Left Fence		1.50	1.50	2.00	1.50	2.70	2.00
52	Tilting Guard Plate (Wood)		.....	.....	.....	.....	.40	.....
53	" Iron with Swivel		.....	.....	.....	.....	.80	.....
54	Left Fence Adjusting Screw		.....	.....	.....	.....	.40	.....
56	Right Fence		.....	.....	2.50	.....	2.00	.....
57	" " Tilting Plate		.....	.....	.....	.....	.40	.....
60	Long Arms	Per Pair	1.00	1.00	1.00	1.00	1.00	1.00
61	Short Arms	" "	.50	.50	.50	.....	.50	.....
70	Adjusting Depth Gauge		.40	.40	.40	.40	.40	.40
73	" Beading Stop		.40	.....	.....	.....	.60	.....
75	Slitting Cutter Stop		.20	.20	.20	.20	.20	.....
77	Sliding Section Depth Gauge		.40	.....	.....	.....	.....	.....
80	Cam Stop		.80	.....	.....	.....	.80	.....
85	Spurs with Screws		.10	.10	.10	.10	.10	.....

Screws, Nos. 29, 31, 41, 43, 51, 58, 71, 76, 81, 86 and 87, .20 each.
Add 30 per cent for parts 16, 30 and 50 for Plane A45.

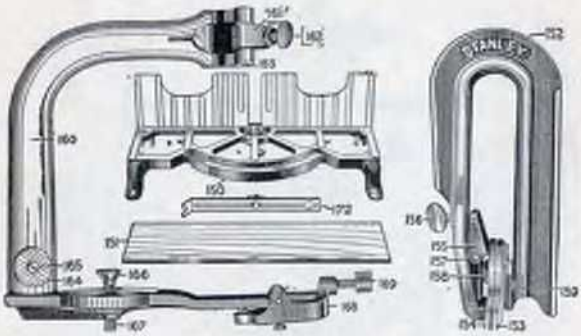
PRICES OF MITRE BOX PARTS



No.	Name of Part — No. of Box	50	50½	240 242	244 246	346 358	460	A358
101	Frame	6.00	6.00	7.00	7.00	8.40	11.20	10.90
102	Frame Board	.60	.60	.60	.60	.60	1.00	.60
104	" Leg	.60	.60	.60	.60	.70	.80	.90
106	Stock Guide	....	....	.50	.50	.50	.50	.65
110	Swivel Arm	1.50	1.50	2.50	2.50	2.80	3.30	3.65
111	" " Bushing	.30	.30	.30	.30	.30	.30	.30
112	" Bushing Screw	.30	.30	.30	.30	.30	.30	.30
113	Index Clamping Lever	.20	.20	.40	.40	.40	.50	.50
122	Swivel Complete (50 and 50½)	2.00	2.00	....	....	....	....	....
123	" " (240 to 460)	....	....	5.00	5.00	5.50	6.00	7.15
124	"T" Base	.50	.50	1.50	1.50	1.50	1.50	1.95
124½	Uprights (each)	.30	.30	.40	.40	.50	.50	.65
126	Saw Guide Cap	....	....	.10	.10	.10	.10	.15
132	" " Tie Bar	....	....	.20	.20	.30	.30	.40
133	Left Saw Guide Stop and Screw	.30	.30	.30	.30	.30	.30	.30
134	Right " " " " "	....	....	.40	.40	.40	.40	.40
136	Saw Guide Cylinder	1.50	.50	.70	.70	.70	.70	.90
137	" " " Plate	.10	.10	.10	.10	.10	.10	.10
138	Trip Lever (back)	....	....	.30	.30	.30	.30	.30
139	" " (front)	....	....	.30	.30	.30	.30	.30
141	Leveling Screw	....	....	.20	.20	.20	.20	.20
142	Trip Clamp and Screw	....	....	.30	.30	.30	.30	.30
146	"T" Base Clamp Screw	....	....	.20	.20	.20	.20	.20
147	Length Stop Stand	....	....	.50	.50	.50	.50	.65
148	" " Coupling	....	....	.20	.20	.20	.20	.25

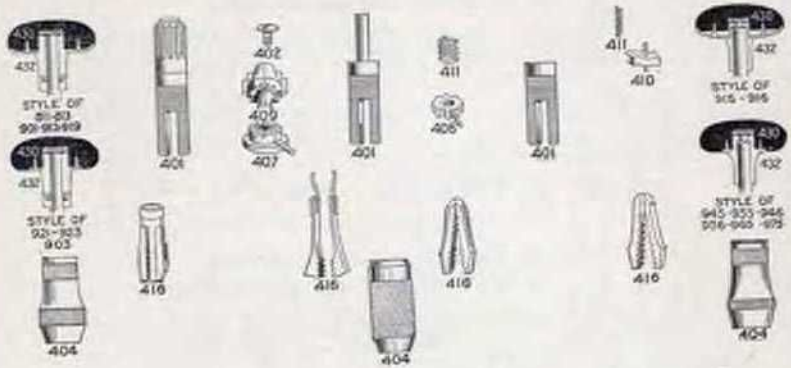
Parts Nos. 103, 105, 107, 108, 109, 114, 115, 116, 117, 119, 120, 121, 123½, 127, 128, 129, 130, 135, 143, 144, 145, 149, .10 each.

PRICES OF PARTS No. 150 MITRE BOX



No.	Name of Part	Each
150	Frame	3.00
151	Frame Board	.60
152	Saw Yoke	1.25
153	Right Saw Guide	.25
154	Left Saw Guide	.25
155	Saw Guide Lever	.15
156	Saw Guide Thumb Screw	.10
157	Saw Guide Pin	.10
158	Saw Guide Spring	.10
159	Saw Guide Adjusting Screw	.10
160	Swivel	1.50
161	Yoke Clamping Lever	.10
162	Yoke Clamping Lever Thumb Screw	.10
163	Yoke Clamping Lever Pin	.10
164	Roller	.10
165	Roller Screw	.10
166	Swivel Pivot Screw	.10
167	Swivel Pivot Check Screw	.10
168	Latch	.25
169	Latch Fastening Screw	.10
170	Latch Pivot Screw	.10
171	Latch Pivot Set Screw	.10
172	Latch Spring	.10
173	Length Stop	.15

PRICES OF BIT BRACE PARTS



All parts listed can be readily put into the Brace by the user. Other parts can be supplied if required, but should any piece be wanted that is not shown, it is better that the Brace be returned to the factory for repairs. Some parts having the same name differ in design in the different Braces. We show different cuts bearing the same number to illustrate the different designs. Heads and quills are shown in section to make difference of construction clear. **Always give the number of the Brace when ordering repairs.**

No.	Name of Part	811	813	901	903	913	915	916	919	921	923
401	Chuck Body	.70	.80	.70	.70	.80	.50	.40	....	.70	.80
402	Plug Screw	.20	.20	.20	.20	.20	....	....	.20	.20	.20
404	Shell	1.80	1.80	1.00	1.00	.80	.70	.70	....	.80	.80
407	Clutch Gear	.50	....	.50	....	....	....	....	....	.50	....
408	Ratchet Gear	....	....	....	....	....	.30	....	....	....	....
409	Clutch	.80	....	.80	....	....	....	....	....	.80	....
410	Pawl with Pin	....	.40	....	.40	.40	.30	....	.40	....	.40
411	Clutch Spring	.20	.10	.20	.10	.10	....	....	.10	.20	.10
416	Jaws	.50	.50	.50	.50	.50	.40	.40	.50	.50	.50
430	Head	.70	.70	.70	.70	.70	.30	.30	.70	.70	.70
432	Quill	.90	.90	.90	.60	.90	.80	.80	.90	.60	.60

No.	Name of Part	924	945	946	955	956	965	965N	966	975	975N
401	Chuck Body	.50	.50	.40	.50	.40	.50	.50	.40	.50	.50
402	Plug Screw	....	....	....	....	....	....	....	....	....	....
404	Shell	.80	.70	.70	.60	.60	.60	.70	.60	.60	.70
407	Clutch Gear	....	....	....	....	....	....	....	....	....	....
408	Ratchet Gear	....	.30	....	.30	....	.30	.30	....	.30	.30
409	Clutch	....	....	....	....	....	....	....	....	....	....
410	Pawl with Pin	....	.30	....	.30	....	.30	.30	....	.30	.30
411	Clutch Spring	....	....	....	....	....	....	....	....	....	....
416	Jaws	.50	.30	.30	.30	.30	.20	.20	.20	.20	.20
430	Head	.70	.30	.30	.30	.30	.30	.30	.30	.30	.30
432	Quill	.60	.40	.40	.30	.30	.30	.40	.30	.30	.40

U. S. WEIGHTS AND MEASURES

LONG MEASURE (Measures of Length)

Ins.	Feet	Yards	Fath.	Rods	Furl.	Mile
12 =	1					
36 =	3 =	1				
72 =	6 =	2 =	1			
198 =	16½ =	5½ =	2¾ =	1		
7920 =	660 =	220 =	110 =	40 =	1	
63360 =	5280 =	1760 =	880 =	320 =	8 =	1

6080.26 Feet = 1.15 Statute Miles = 1 Nautical Mile or Knot.

SQUARE MEASURE (Measures of Surface)

Sq. Ins.	Sq. Feet	Sq. Yards	Sq. Rods	Roods	Acre
144 =	1				
1296 =	9 =	1			
39204 =	272¼ =	30¼ =	1		
1568160 =	10890 =	1210 =	40 =	1	
6272640 =	43560 =	4840 =	160 =	4 =	1

640 Acres = 1 Square Mile.

An Acre = a square whose side is 69.57 Yards or 208.71 Feet.

CUBIC MEASURE (Measures of Volume)

Cu. Ins.	Cu. Feet	Cu. Yards
1728 =	1	
46656 =	27 =	1

A Cord of Wood = 128 Cubic Feet, being 4 feet × 4 feet × 8 feet.

42 Cubic Feet = a Ton of Shipping

1 Perch of Masonry = 24¾ Cubic Feet, being 16½ feet × 1½ feet × 1 foot.

LIQUID OR WINE MEASURE

The U. S. Standard Gallon measures 231 Cubic Inches, or 8.33888 Pounds avoirdupois of pure water, at about 39.85 degrees Fahr., the Barometer at 30 inches.

Gills	Pints	Quarts	Gallons	Tierces	Hogsheads	Puncheons	Pipes	Tun	Cubic Inches
4 =	1 =								28.375
8 =	2 =	1 =							57.75
32 =	8 =	4 =	1 =						231.
1344 =	336 =	168 =	42 =	1					
2016 =	504 =	252 =	63 =	1½ =	1				
2488 =	672 =	336 =	84 =	2 =	1⅓ =	1			
4032 =	1008 =	504 =	126 =	3 =	2 =	1½ =	1		
8064 =	2016 =	1008 =	252 =	6 =	4 =	3 =	2 =	1	

A Cubic Foot contains 7½ Gallons.

The British Imperial Gallon contains 277.27 Cubic inches and = 1.2 U. S. Gallons.

U. S. WEIGHTS AND MEASURES

DRY MEASURE

The Standard Bushel contains 2150.42 Cubic Inches, or 77.627013 Pounds Avoirdupois of pure water at maximum density. Its legal dimensions are 18½ Inches diameter inside, 19½ Inches outside, and 8 Inches deep; and when heaped, the cone must be 6 Inches high, making a heaped Bushel equal to 1¼ struck ones.

Pints		Quarts		Gallons		Pecks		Bushels		Cubic Inches
2	=	1	=							67.2
8	=	4	=	1	=					268.8
16	=	8	=	2	=	1	=			537.6
64	=	32	=	8	=	4	=	1	=	2150.42

The British Imperial Bushel contains 2218.2 Cubic Inches and = 1.03 U. S. Bushels.

AVOIRDUPOIS OR COMMERCIAL WEIGHT

The Grain is the same in Troy, Apothecaries and Avoirdupois Weights.
The Standard Avoirdupois Pound is the weight of 27.7015 Cubic Inches of distilled water weighed in the air at 35.85 degrees Fahr., Barometer at 30 Inches. 27.343 Grains = 1 Drachm.

Drachms		Ounces		Lbs.		Long Qrs.		Long Cwt.		Long Ton
16	=	1								
256	=	16	=	1						
7168	=	448	=	28	=	1				
28672	=	1792	=	112	=	4	=	1		
573440	=	35840	=	2240	=	80	=	20	=	1

The above Table gives what is known as the Long Ton. The Short Ton weighs 2000 Pounds.

TROY WEIGHT

For Gold, Silver and Precious Metals.

Grains		Dwts.		Ounces		Lbs.
24	=	1				
480	=	20	=	1		
5760	=	240	=	12	=	1

175 Pounds Troy = 144 Avoirdupois.
Pounds Avoirdupois × .82286 = Pounds Troy.
Pounds Troy × 1.2153 = Pounds Avoirdupois.

The Jeweler's Carat is equal in the United States, to 3.2 Grains; in London, to 3.17 Grains; in Paris, to 3.18 Grains.

APOTHECARIES WEIGHT

United States and British

In Troy and Apothecaries Weights, the Grain, Ounce and Pound are the same.

Grains		Scruples		Drachms		Ounces		Lbs.
20	=	1						
60	=	3	=	1				
480	=	24	=	8	=	1		
5760	=	288	=	96	=	12	=	1

THE METRIC SYSTEM

WEIGHTS

Metric Denominations and Values			Equivalents in Denominations in use.				
Names		No. Grams		Weight of what quantity of water at maximum density		Avoirdupois Weight	
Millier or tonneau	=	1,000,000	=	1 cubic meter	=	2204.6	pounds
Quintal	=	100,000	=	1 hectoliter	=	220.46	pounds
Myriagram	=	10,000	=	10 liters	=	22.046	pounds
Kilogram or kilo	=	1,000	=	1 liter	=	2.2046	pounds
Hectogram	=	100	=	1 deciliter	=	3.5274	ounces
Dekagram	=	10	=	10 c. centimeters	=	0.3527	ounce
Gram	=	1	=	1 c. centimeter	=	15.432	grains
Decigram	=	.1	=	.1 c. centimeter	=	1.5432	grains
Centigram	=	.01	=	10 c. millimeters	=	0.1543	grain
Milligram	=	.001	=	1 c. millimeter	=	0.0154	grain

MEASURES OF LENGTH

Metric Denominations and Values				Equivalents of Denominations in use
Myriameter	=	10,000 meters	=	6.2137 miles
Kilometer	=	1,000 meters	=	0.62137 mile, or 3,280 feet 10 inches
Hectometer	=	100 meters	=	328 feet and 1 inch
Dekameter	=	10 meters	=	393.7 inches
Meter	=	1 meter	=	39.37 inches
Decimeter	=	.1 meter	=	3.937 inches
Centimeter	=	.01 meter	=	0.3937 inch
Millimeter	=	.001 meter	=	0.0394 inch

MEASURES OF SURFACE

Metric Denominations and Values				Equivalents in Denominations in use
Hectare	=	10,000 square meters	=	2.471 acres
Are	=	100 square meters	=	119.6 square yards
Centare	=	1 square meter	=	1550 square inches

MEASURES OF CAPACITY

Metric Denominations and Values						Equivalents in Denominations in use			
Names		No. Liters		Cubic Measure		Dry Measure		Wine Measure	
Kiloliter	=	1,000	=	1 cubic meter	=	1.308 cubic yards	=	264.17	gallons
Hectoliter	=	100	=	.1 cubic meter	=	2 bush. 3.35 pecks	=	26.417	gallons
Decaliter	=	10	=	10 c. decimeters	=	9.08 quarts	=	2.6417	gallons
Liter	=	1	=	1 c. decimeter	=	0.908 quart	=	1.0567	quarts
Deciliter	=	.1	=	.1 c. decimeter	=	6.1022 cubic inches	=	0.845	gill
Centiliter	=	.01	=	10 c. centimeters	=	0.6102 cubic inch	=	0.338	fluid oz.
Milliliter	=	.001	=	1 c. centimeter	=	0.061 cubic inch	=	0.27	fluid dr.

"UNITED STATES" AND "METRIC" CONSTANTS

LONG MEASURE

Millimeters	×	.03937	=	inches
Millimeters	÷	25.4	=	inches
Centimeters	×	.3937	=	inches
Centimeters	÷	2.54	=	inches
Meters	=	39.37	=	inches (Act of Congress)
Meters	×	3.281	=	feet
Meters	×	1.094	=	yards
Kilometers	×	.621	=	miles
Kilometers	÷	3280.7	=	feet
Kilometers	÷	1.6093	=	miles

SQUARE MEASURE

Square millimeters	×	.0015	=	square inches
Square millimeters	÷	645.1	=	square inches
Square centimeters	×	.155	=	square inches
Square centimeters	÷	6.451	=	square inches
Square meters	×	10.764	=	square feet
Square kilometers	×	247.1	=	acres
Hectares	×	2.471	=	acres

CUBIC MEASURE

Cubic centimeters	÷	16.383	=	cubic inches
Cubic centimeters	÷	3.69	=	fluid drachms (U. S. P.)
Cubic centimeters	÷	29.57	=	fluid ounce (U. S. P.)
Cubic meters	×	35.315	=	cubic feet
Cubic meters	×	1.308	=	cubic yards
Cubic meters	×	264.2	=	gallons (231 cubic inches)

LIQUID MEASURE

Liters	×	61.022	=	cubic inches (Act of Congress)
Liters	×	33.84	=	fluid ounces (U. S. Phar.)
Liters	×	.2642	=	gallons (231 cubic inches)
Liters	÷	3.78	=	gallons (231 cubic inches)
Liters	÷	28.316	=	cubic feet
Hectoliters	×	3.531	=	cubic feet
Hectoliters	×	2.84	=	bushels (2150.42 cubic inches)
Hectoliters	×	.131	=	cubic yards
Hectoliters	÷	26.42	=	gallons (231 cubic inches)

WEIGHTS

Grammes	×	15.432	=	grains (Act of Congress)
Grammes	×	981.	=	dynes
Grammes (water)	÷	29.57	=	fluid ounces
Grammes	÷	28.35	=	ounces avoirdupois
Grammes per cubic centimeter	÷	27.7	=	pounds per cubic inch
Joule	×	.7373	=	foot pounds
Kilograms	×	2.2046	=	pounds
Kilograms	×	35.3	=	ounces avoirdupois
Kilograms	÷	1102.3	=	tons (2,000 pounds)
Kilograms	×	per square centimeter 14.223	=	pounds per square inch.

CONTENTS (BOARD MEASURE)

OF ONE LINEAL FOOT OF TIMBER

Width in Inches	THICKNESS IN INCHES												
	2	3	4	5	6	7	8	9	10	11	12	13	14
18	3.	4.5	6.	7.5	9.	10.5	12.	13.5	15.	16.5	18	19.5	21.
17	2.83	4.25	5.66	7.08	8.5	9.92	11.33	12.75	14.17	15.58	17	18.42	19.83
16	2.67	4.	5.33	6.67	8.	9.33	10.67	12.	13.33	14.67	16	17.33	18.66
15	2.5	3.75	5.	6.25	7.5	8.75	10.	11.25	12.5	13.75	15	16.25	17.5
14	2.33	3.5	4.67	5.83	7.	8.17	9.33	10.5	11.67	12.83	14	15.17	16.33
13	2.17	3.25	4.33	5.42	6.5	7.58	8.67	9.75	10.83	11.92	13	14.08	
12	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12		
11	1.83	2.75	3.67	4.58	5.5	6.42	7.33	8.25	9.17	10.08			
10	1.67	2.5	3.33	4.17	5.	5.83	6.67	7.5	8.33				
9	1.5	2.25	3.	3.75	4.5	5.25	6.	6.75					
8	1.33	2.	2.67	3.33	4.	4.67	5.33						
7	1.17	1.75	2.33	2.92	3.5	4.08							
6	1.	1.5	2.	2.5	3.								
5	.83	1.25	1.67	2.08									
4	.67	1.	1.33										
3	.5	.75											
2	.33												

To ascertain contents of a piece of timber, find in the table the contents of one foot and multiply by the length, in feet, of the piece.

EXAMPLE: What is the contents (Board Measure) of a piece of timber 10 in. x 7 in., 20 ft. long

ANSWER: 5.83 x 20 = 116.6 feet Board Measure.

PROPERTIES OF TIMBER

Description	Weight per cubic foot in lbs.	Tensile Strength per sq. in. in lbs.	Crushing Strength per sq. in. in lbs.	Relative Strength for Cross Breaking White Pine equal 100.	Shearing Strength with the Grain lbs. per sq. in.
Ash	43 to 55.8	11,000 to 17,207	4,400 to 9,363	130 to 180	458 to 700
Beech	43 to 53.4	11,500 to 18,000	5,800 to 9,363	100 to 144	.....
Cedar	50 to 56.8	10,300 to 11,400	5,600 to 6,000	55 to 63	.....
Cherry	.....	.....	.....	130	.....
Chestnut	33	10,500	5,350 to 5,600	96 to 123	.....
Elm	34 to 36.7	13,400 to 13,489	6,831 to 10,331	96	.....
Hemlock	.....	8,700	5,700	88 to 95	.....
Hickory	.....	12,800 to 18,600	8,925	150 to 210	.....
Locust	44	20,500 to 24,800	9,113 to 11,700	132 to 227	.....
Maple	49	10,500 to 10,584	8,150	122 to 220	367 to 647
Oak, White	45 to 54.5	10,253 to 19,500	4,684 to 9,509	130 to 177	752 to 966
Oak, Live	70	.....	6,850	155 to 189	.....
Pine, White	30	10,000 to 12,000	5,000 to 6,650	100	225 to 423
Pine, Yellow	28.8 to 33	12,600 to 19,200	5,400 to 9,500	98 to 170	286 to 415
Spruce	.....	10,000 to 19,500	5,050 to 7,850	86 to 110	253 to 374
Walnut, Black	42	9,286 to 16,000	7,500	.....	.....

The above table should be taken with caution, as there is often very wide variations in any species.

CUT NAILS AND TACKS

THE TERM "PENNY" AS APPLIED TO NAILS

The origin of the terms "six-penny," "ten-penny," etc., as applied to nails, though not commonly known, is involved in no mystery whatever. Nails have been made a certain number of pounds to the thousand for many years and are still reckoned in that way in England, a ten-penny being a thousand nails to ten pounds, a six-penny a thousand nails to six pounds, a twenty-penny weighing twenty pounds to the thousand; and, in ordering, buyers call for the three-pound, six-pound, or ten-pound variety, etc., until by the Englishmen's abbreviation of "pan" for "pound," the abbreviation has been made to stand for penny, instead of pound, as originally intended.

LENGTH AND NUMBER OF CUT NAILS TO THE POUND

SIZE	Length	Common	Clinch	Fence	Finishing	Fine	Barrel	Casing	Brads	Tobacco	Cut Spikes
¾	¾ in.						800				
⅞	⅞						500				
2d	1	800			1100	1000	376				
3d	1¼	480			720	760	224				
4d	1½	288			523	368	180	398			
5d	1¾	200			410					130	
6d	2	168	96	84	268			224	126	96	
7d	2¼	124	74	64	188				98	82	
8d	2½	88	62	48	146			128	75	68	
9d	2¾	79	53	36	130			110	65		
10d	3	58	46	30	102			91	55		28
12d	3¼	44	42	24	76			71	40		
16d	3½	34	38	20	62			54	27		22
20d	4	23	33	16	54			40			14½
30d	4½	18	20					31			12½
40d	5	14						27			9½
50d	5½	10									8
60d	6	8									6
	6½										5½
	7										4½
	8										2½

TABLE FOR ESTIMATING QUANTITY OF NAILS

Material	Size of Nail	Lbs. Required
1000 Shingles	4d	5
1000 Laths	3d	7
1000 Square Feet Beveled Siding	6d	18
1000 " " Sheathing	8d	20
1000 " " "	10d	25
1000 " " Flooring	8d	30
1000 " " "	10d	40
1000 " " Studding	10d	15
1000 " " Furring 1 x 2 in.	10d	10
1000 " " Finished Flooring, ⅝ in.	8d to 10d Fin.	20
1000 " " " " 1⅛ in.	10d Fin.	30

WIND PRESSURE—POUNDS PER SQUARE FOOT

Rise in inches per foot of Run	Angle with Horizontal	Pitch Proportion of Rise to Span	Wind Pressure Normal to Slope
4	18.25	1/6	16.8
6	26.33	1/4	23.7
8	33.42	1/3	29.1
12	45.00	1/2	36.1
16	53.07	2/3	38.7
18	56.20	3/4	39.3
24	63.27	1	40.0

FLOOR LOADS EXCLUSIVE OF WEIGHT OF CONSTRUCTION

	Lbs. per Sq. Ft.		Lbs. per Sq. Ft.
Dwellings, Hotels, etc.	70	Grain Storage	80
Churches, Theatres, etc.	70	Warehouses, Stores, etc.	100
Ball-rooms	80–120	Factories	150–400
Schools	80	Office Buildings	100
Hay Lofts	80		

PINE SHINGLES

NUMBER AND WEIGHT OF PINE SHINGLES TO COVER ONE SQUARE OF ROOF

Table based on 4 inch width. For other widths multiply given number by 4 and divide by the width in question.

1 Square = 100 Square feet.

Number of inches exposed to weather	4	4½	5	5½	6
Number of shingles per square of roof	900	800	720	655	600
Weight in lbs. of shingles on one square of roof	216	192	173	157	144

The number of shingles per square is for common gable roofs. For hip roofs, add 5% to these figures. The weights per square are based on the number per square. Shingles come 250 to the bundle, 4-inch shingles weigh 240 lbs. to 1,000.

PAINTING

1 lb. paint will cover about 4 square yards first coat, and about 6 square yards for second coat.

1 gal. paint will cover	on stone or brick	190 to 225	Superficial feet
" " " "	on concrete, etc.	300 " 375	" "
" " " "	on wood	375 " 525	" "
" " " "	on well painted surface of iron	600	" "
" of tar " "	first coat	90	" "
" " " "	second coat	160	" "

ANGLES AND DISTANCES

Angles and Distances corresponding to the opening of the 2-foot rule.

Ang.	Dis.	Ang.	Dis.	Ang.	Dis.	Ang.	Dis.	Ang.	Dis.	Ang.	Dis.
°	in.	°	in.	°	in.	°	in.	°	in.	°	in.
1	.2	16	3.34	31	6.41	46	9.38	61	12.18	76	14.78
2	.42	17	3.55	32	6.62	47	9.57	62	12.36	77	14.94
3	.63	18	3.75	33	6.82	48	9.76	63	12.54	78	15.11
4	.84	19	3.96	34	7.02	49	9.95	64	12.72	79	15.27
5	1.05	20	4.17	35	7.22	50	10.14	65	12.9	80	15.43
6	1.26	21	4.37	36	7.42	51	10.33	66	13.07	81	15.59
7	1.47	22	4.58	37	7.61	52	10.52	67	13.25	82	15.75
8	1.67	23	4.78	38	7.81	53	10.71	68	13.42	83	15.9
9	1.88	24	4.99	39	8.01	54	10.9	69	13.59	84	16.06
10	2.09	25	5.19	40	8.2	55	11.08	70	13.77	85	16.21
11	2.3	26	5.4	41	8.4	56	11.27	71	13.94	86	16.37
12	2.51	27	5.6	42	8.6	57	11.45	72	14.11	87	16.52
13	2.72	28	5.81	43	8.8	58	11.64	73	14.28	88	16.67
14	2.92	29	6.01	44	8.99	59	11.82	74	14.44	89	16.82
15	3.13	30	6.21	45	9.18	60	12.	75	14.61	90	16.97

APPROXIMATE WEIGHT AND STRENGTH OF CORDAGE

Circumference in inches	Diameter in inches	Weight of 100 fathoms or 600 feet in lbs.	Weight of 100 fathoms Tarred in lbs.	Strength of New Ropes in lbs.	No. of feet in 1 lb.
6 thd.	5/16 in.	12	17	540	50 feet
9 "	3/8 "	18	24	780	33 " 4 in.
12 "	7/16 "	24	34	1000	25 "
15 "	1/2 "	30	45	1280	20 "
1 1/4 in.	9/16 "	37	50	1562	17 " 8 in.
1 1/2 "	5/8 "	46	55	2250	13 "
1 3/4 "	3/4 "	65	85	3062	9 " 3 "
2 "	7/8 "	80	100	4000	7 " 6 "
2 1/4 "	1 "	98	125	5000	6 "
2 1/2 "	1 1/8 "	120	155	6250	5 "
2 3/4 "	1 1/4 "	142	190	7500	4 " 3 "
3 "	1 3/8 "	170	225	9000	3 " 6 "
3 1/4 "	1 1/2 "	200	265	10500	3 "
3 1/2 "	1 5/8 "	230	300	12250	2 " 7 "
3 3/4 "	1 3/4 "	271	350	14000	2 " 3 "
4 "	1 7/8 "	310	405	16000	1 " 11 "
4 1/4 "	1 15/16 "	346	455	18062	1 " 8 "
4 1/2 "	2 "	390	510	20250	1 " 6 "
4 3/4 "	2 1/16 "	435	575	22500	1 " 5 "
5 "	2 1/8 "	480	640	25000	1 " 3 "
5 1/2 "	2 3/4 "	581	775	30250	1 "
6 "	3 "	678	930	36000	10 1/2 "

Note that strength is given for new rope.
For safe working should be divided by 10.

COST OF LUMBER

When the cost or number of feet wanted is not shown in the table the result desired may be readily obtained by combining two or more of the figures given—for illustration, see examples on opposite page.

COST PER 1,000 FEET BOARD MEASURE

No. Feet	$0.50	$1.00	$2.00	$3.00	$4.00	$5.00	$6.00	$7.00	$8.00	$9.00	$10.00
1	.0005	.001	.002	.003	.004	.005	.006	.007	.008	.009	.01
2	.001	.002	.004	.006	.008	.01	.012	.014	.016	.018	.02
3	.0015	.003	.006	.009	.012	.015	.018	.021	.024	.027	.03
4	.002	.004	.008	.012	.016	.02	.024	.028	.032	.036	.04
5	.0025	.005	.01	.015	.02	.025	.03	.035	.04	.045	.05
6	.003	.006	.012	.018	.024	.03	.036	.042	.048	.054	.06
7	.0035	.007	.014	.021	.028	.035	.042	.049	.056	.063	.07
8	.004	.008	.016	.024	.032	.04	.048	.056	.064	.072	.08
9	.0045	.009	.018	.027	.036	.045	.054	.063	.072	.081	.09
10	.005	.01	.02	.03	.04	.05	.06	.07	.08	.09	.10
11	.0055	.011	.022	.033	.044	.055	.066	.077	.088	.099	.11
12	.006	.012	.024	.036	.048	.06	.072	.084	.096	.108	.12
13	.0065	.013	.026	.039	.052	.065	.078	.091	.104	.117	.13
14	.007	.014	.028	.042	.056	.07	.084	.098	.112	.126	.14
15	.0075	.015	.03	.045	.06	.075	.09	.105	.12	.135	.15
16	.008	.016	.032	.048	.064	.08	.096	.112	.128	.144	.16
17	.0085	.017	.034	.051	.068	.085	.102	.119	.136	.153	.17
18	.009	.018	.036	.054	.072	.09	.108	.126	.144	.162	.18
19	.0095	.019	.038	.057	.076	.095	.114	.133	.152	.171	.19
20	.01	.02	.04	.06	.08	.10	.12	.140	.160	.18	.20
21	.0105	.021	.042	.063	.084	.105	.126	.147	.168	.189	.21
22	.011	.022	.044	.066	.088	.11	.132	.154	.176	.198	.22
23	.0115	.023	.046	.069	.092	.115	.138	.161	.184	.207	.23
24	.012	.024	.048	.072	.096	.12	.144	.168	.192	.216	.24
25	.0125	.025	.05	.075	.10	.125	.15	.175	.20	.225	.25
26	.013	.026	.052	.078	.104	.13	.156	.182	.208	.234	.26
27	.0135	.027	.054	.081	.108	.135	.162	.189	.216	.243	.27
28	.014	.028	.056	.084	.112	.14	.168	.196	.224	.252	.28
29	.0145	.029	.058	.087	.116	.145	.174	.203	.232	.261	.29
30	.015	.03	.06	.09	.12	.15	.18	.21	.24	.27	.30
40	.02	.04	.08	.12	.16	.20	.24	.28	.32	.36	.40
50	.025	.05	.10	.15	.20	.25	.30	.35	.40	.45	.50
60	.03	.06	.12	.18	.24	.30	.36	.42	.48	.54	.60
70	.035	.07	.14	.21	.28	.35	.42	.49	.56	.63	.70
80	.04	.08	.16	.24	.32	.40	.48	.56	.64	.72	.80
90	.045	.09	.18	.27	.36	.45	.54	.63	.72	.81	.90
100	.05	.10	.20	.30	.40	.50	.60	.70	.80	.90	1.00
200	.10	.20	.40	.60	.80	1.00	1.20	1.40	1.60	1.80	2.00
300	.15	.30	.60	.90	1.20	1.50	1.80	2.10	2.40	2.70	3.00
400	.20	.40	.80	1.20	1.60	2.00	2.40	2.80	3.20	3.60	4.00
500	.25	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00
600	.30	.60	1.20	1.80	2.40	3.00	3.60	4.20	4.80	5.40	6.00
700	.35	.70	1.40	2.10	2.80	3.50	4.20	4.90	5.60	6.30	7.00
800	.40	.80	1.60	2.40	3.20	4.00	4.80	5.60	6.40	7.20	8.00
900	.45	.90	1.80	2.70	3.60	4.50	5.40	6.30	7.20	8.10	9.00
1000	.50	1.00	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00
2000	1.00	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00
3000	1.50	3.00	6.00	9.00	12.00	15.00	18.00	21.00	24.00	27.00	30.00
4000	2.00	4.00	8.00	12.00	16.00	20.00	24.00	28.00	32.00	36.00	40.00
5000	2.50	5.00	10.00	15.00	20.00	25.00	30.00	35.00	40.00	45.00	50.00
6000	3.00	6.00	12.00	18.00	24.00	30.00	36.00	42.00	48.00	54.00	60.00
7000	3.50	7.00	14.00	21.00	28.00	35.00	42.00	49.00	56.00	63.00	70.00
8000	4.00	8.00	16.00	24.00	32.00	40.00	48.00	56.00	64.00	72.00	80.00
9000	4.50	9.00	18.00	27.00	36.00	45.00	54.00	63.00	72.00	81.00	90.00
10000	5.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00

COST OF LUMBER

To Find Cost of
28 ft. at $47.50 per 1,000 ft.

28 feet at $40.00 =		$1.12
28 " "	7.00 =	.196
28 " "	.50 =	.014
		$1.33
	$47.50	

To Find Cost of
95 ft. at $40.00 per 1,000 ft.

90 feet at $40.00 =		$3.60
5 " "	40.00 =	.20
95 " "		$3.80

COST PER 1,000 FEET BOARD MEASURE

No. Feet	$15.00	$20.00	$25.00	$30.00	$40.00	$50.00	$60.00	$70.00	$80.00	$90.00	$100.0
1	.015	.02	.025	.03	.04	.05	.06	.07	.08	.09	[illegible]
2	.03	.04	.05	.06	.08	.10	.12	.14	.16	.18	[illegible]
3	.045	.06	.075	.09	.12	.15	.18	.21	.24	.27	[illegible]
4	.06	.08	.10	.12	.16	.20	.24	.28	.32	.36	[illegible]
5	.075	.10	.125	.15	.20	.25	.30	.35	.40	.45	[illegible]
6	.09	.12	.15	.18	.24	.30	.36	.42	.48	.54	[illegible]
7	.105	.14	.175	.21	.28	.35	.42	.49	.56	.63	[illegible]
8	.12	.16	.20	.24	.32	.40	.48	.56	.64	.72	[illegible]
9	.135	.18	.225	.27	.36	.45	.54	.63	.72	.81	[illegible]
10	.15	.20	.25	.30	.40	.50	.60	.70	.80	.90	1
11	.165	.22	.275	.33	.44	.55	.66	.77	.88	.99	1
12	.189	.24	.30	.36	.48	.60	.72	.84	.96	1.08	1
13	.195	.26	.325	.39	.52	.65	.78	.91	1.04	1.17	1
14	.210	.28	.35	.42	.56	.70	.84	.98	1.12	1.26	1
15	.225	.30	.375	.45	.60	.75	.90	1.05	1.20	1.35	1
16	.240	.32	.40	.48	.64	.80	.96	1.12	1.28	1.44	1
17	.255	.34	.425	.51	.68	.85	1.02	1.19	1.36	1.53	1
18	.27	.36	.45	.54	.72	.90	1.08	1.26	1.44	1.62	1
19	.285	.38	.475	.57	.76	.95	1.14	1.33	1.52	1.71	[illegible]
20	.300	.40	.50	.60	.80	1.00	1.20	1.40	1.60	1.80	[illegible]
21	.315	.42	.525	.63	.84	1.05	1.26	1.47	1.68	1.89	[illegible]
22	.330	.44	.55	.66	.88	1.10	1.32	1.54	1.76	1.98	[illegible]
23	.345	.46	.575	.69	.92	1.15	1.38	1.61	1.84	2.07	[illegible]
24	.36	.48	.60	.72	.96	1.20	1.44	1.68	1.92	2.16	[illegible]
25	.375	.50	.625	.75	1.00	1.25	1.50	1.75	2.00	2.25	[illegible]
26	.390	.52	.65	.78	1.04	1.30	1.56	1.82	2.08	2.34	[illegible]
27	.405	.54	.675	.81	1.08	1.35	1.62	1.89	2.16	2.43	[illegible]
28	.42	.56	.70	.84	1.12	1.40	1.68	1.96	2.24	2.52	[illegible]
29	.435	.58	.725	.87	1.16	1.45	1.74	2.03	2.32	2.61	[illegible]
30	.45	.60	.75	.90	1.20	1.50	1.80	2.10	2.40	2.70	[illegible]
40	.60	.80	1.00	1.20	1.60	2.00	2.40	2.80	3.20	3.60	[illegible]
50	.75	1.00	1.25	1.50	2.00	2.50	3.00	3.50	4.00	4.50	[illegible]
60	.90	1.20	1.50	1.80	2.40	3.00	3.60	4.20	4.80	5.40	[illegible]
70	1.05	1.40	1.75	2.10	2.80	3.50	4.20	4.90	5.60	6.30	[illegible]
80	1.20	1.60	2.00	2.40	3.20	4.00	4.80	5.60	6.40	7.20	[illegible]
90	1.35	1.80	2.25	2.70	3.60	4.50	5.40	6.30	7.20	8.10	[illegible]
100	1.50	2.00	2.50	3.00	4.00	5.00	6.00	7.00	8.00	9.00	[illegible]
200	3.00	4.00	5.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	[illegible]
300	4.50	6.00	7.50	9.00	12.00	15.00	18.00	21.00	24.00	27.00	[illegible]
400	6.00	8.00	10.00	12.00	16.00	20.00	24.00	28.00	32.00	36.00	[illegible]
500	7.50	10.00	12.50	15.00	20.00	25.00	30.00	35.00	40.00	45.00	[illegible]
600	9.00	12.00	15.00	18.00	24.00	30.00	36.00	42.00	48.00	54.00	[illegible]
700	10.50	14.00	17.50	21.00	28.00	35.00	42.00	49.00	56.00	63.00	[illegible]
800	12.00	16.00	20.00	24.00	32.00	40.00	48.00	56.00	64.00	72.00	[illegible]
900	13.50	18.00	22.50	27.00	36.00	45.00	54.00	63.00	72.00	81.00	[illegible]
1000	15.00	20.00	25.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	[illegible]
2000	30.00	40.00	50.00	60.00	80.00	100.00	120.00	140.00	160.00	180.00	[illegible]
3000	45.00	60.00	75.00	90.00	120.00	150.00	180.00	210.00	240.00	270.00	[illegible]
4000	60.00	80.00	100.00	120.00	160.00	200.00	240.00	280.00	320.00	360.00	[illegible]
5000	75.00	100.00	125.00	150.00	200.00	250.00	300.00	350.00	400.00	450.00	[illegible]
6000	90.00	120.00	150.00	180.00	240.00	300.00	360.00	420.00	480.00	540.00	[illegible]
7000	105.00	140.00	175.00	210.00	280.00	350.00	420.00	490.00	560.00	630.00	[illegible]
8000	120.00	160.00	200.00	240.00	320.00	400.00	480.00	560.00	640.00	720.00	[illegible]
9000	135.00	180.00	225.00	270.00	360.00	450.00	540.00	630.00	720.00	810.00	[illegible]
10000	150.00	200.00	250.00	300.00	400.00	500.00	600.00	700.00	800.00	900.00	[illegible]

BRICKWORK

Brickwork is estimated by the thousand, and of various thicknesses of wall, runs as follows:

8¼ inch Wall, or 1 Brick in thickness, 14 Bricks per superficial foot
12¾ inch Wall, or 1½ Brick in thickness, 21 Bricks per superficial foot
17 inch Wall, or 2 Brick in thickness, 28 Bricks per superficial foot
21½ inch Wall, or 2½ Brick in thickness, 35 Bricks per superficial foot

An ordinary Brick measures about 8¼ x 4 x 2 inches, which is equal to 66 cubic inches or 26.2 Bricks to a cubic foot. The average weight is 4½ lbs.

APPROXIMATE WEIGHTS OF VARIOUS ROOF COVERINGS

For preliminary estimates the weights of Various Roof Coverings may be taken as below:—

Name	Weights in lbs. per Square of Roof. (100 sq. ft.)
Cast Iron Plates, ¾ inch thick	1500
Copper	80–125
Felt and Asphalt	100
Felt and Gravel	800–1000
Iron Corrugated	100–375
Iron Galvanized Flat	100–350
Lath and Plaster	900–1000
Sheathing, Pine 1 inch thick, yellow northern	300
Sheathing, Pine 1 inch thick, yellow southern	400
Spruce, 1 inch thick	200
Sheathing, Chestnut or Maple, 1 inch thick	400
Sheathing, Ash, Hickory or Oak, 1 inch thick	500
Sheet Iron, ⅛ inch thick	300
Sheet Iron, ⅛ inch thick, and laths	500
Shingles, Pine	200
Slates, ¾ inch thick	900
Skylights (Glass, ⅝ to ½ inch thick)	250–700
Sheet Lead	500–800
Thatch	650
Tin	70–125
Tiles, Flat	1500–2000
Tiles (Grooves and Fillets)	700–1000
Tiles, Pan	1000
Tiles, with Mortar	2000–3000
Zinc	100–200

FLOORING AND SIDING

In estimating matched flooring, a square foot of ⅞ inch stuff is considered to be one foot Board Measure.

If the flooring is 3 inches or more in width, add ¼ to assumed Board Measure to allow for the forming of tongue and groove; for less than 3 inches in width, add ⅓.

A square foot of 1⅛ inch finished flooring is considered to be 1¼ feet Board Measure.

To calculate the Board Measure of same, figure as if 1 inch thick and add 60 per cent. to cover extra thickness and waste in tonguing, grooving, etc.

Siding is measured by superficial foot.

6 inch Siding nominal width actually measures 5⅝ inches.

The Stanley Works

Manufacturers of

Wrought Hardware and Carpenters Tools

STANLEY TOOLS

1-1-32

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